SERFF Tracking #: ALLB-132903805 State Tracking #: ALLB-132903805

Company Tracking #: LTC RATE INCREASE 2021 -GPR

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# Filing at a Glance

Company: Allianz Life Insurance Company of North America

Product Name: LTC Rate Increase 2021 - GPR

State: Pennsylvania

TOI: LTC03I Individual Long Term Care

Sub-TOI: LTC03I.001 Qualified

Filing Type: Rate - Other (Not M.U. or G.I. Product)

Date Submitted: 07/13/2021

SERFF Tr Num: ALLB-132903805 SERFF Status: Closed-Approved State Tr Num: ALLB-132903805

State Status: Approved

Co Tr Num: LTC RATE INCREASE 2021 - GPR

Effective On Approval

Date Requested:

Author(s): Kristen Seremet, Blair Goldstein, Chris McGrath, Scott Laska, Noelle Destrampe, Anne

Correia, Jared Sachs, Peder Swenson, Megan Fensterman, Madison Boyle, Dianelys Reyna,

Gabriela Padilla, Brett Jones, Sheila Kleve

Reviewer(s): Valerie Romig (primary), Jim Laverty

Disposition Date: 11/15/2021
Disposition Status: Approved
Effective Date: 11/15/2021

State Filing Description:

Proposed aggregate 40.1% increase on 1,431 policyholders of Allianz LTC forms 10-P-Q-PA and 10-P-Q-PA(F).

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **General Information**

Project Name: LTC Rate Increase 2021 - GPR Status of Filing in Domicile: Not Filed

Project Number: LTC Rate Increase 2021 - GPR

Requested Filing Mode: Review & Approval

Explanation for Combination/Other:

Date Approved in Domicile:

Domicile Status Comments:

Market Type: Individual

Explanation for Combination/Other: Market Type: Individual Submission Type: New Submission Individual Market Type:

Overall Rate Impact: Filing Status Changed: 11/15/2021
State Status Changed: 11/15/2021

Deemer Date: Created By: Chris McGrath

Submitted By: Megan Fensterman Corresponding Filing Tracking Number:

State TOI: LTC03I Individual Long Term Care

Filing Description:

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

Allianz Life Insurance Company of North America 5701 Golden Hills Drive Minneapolis, MN 55416-1297

July 8, 2021

Re: Allianz Life Insurance Company of North America / NAIC #90611 / FEIN #41-1366075 Individual Long-Term Care Insurance 10-P-Q, et al.

Allianz is submitting for review revised long-term care insurance premium rates for the following form:

Generation Protector (GPR): 10-P-Q-PA, 10-P-Q-PA(F)

The result of this rate increase on the above policy form, if approved, is similar to a 40% aggregate rate increase in Pennsylvania. The premium rate increase request varies by benefit period as follows:

2 - 4 Year Benefit Period - 20% rate increase

5 - 8 Year Benefit Period - 45% rate increase

Lifetime Benefit Period - 65% rate increase

This form was sold from 2003 to 2007 in Pennsylvania, and marketed nationwide from 2003 through 2009. This form is no longer being issued in any state as Allianz stopped issuing all long-term care insurance in 2010.

As noted in the attached actuarial memorandum, there have been past rate increases on this policy form. The Department approved a rate increase of 20% on 2/12/2013 and 31.5% on 3/30/2016. The prior rate increase levels were less than the nationwide average request. This form is in need of an additional premium rate increase due to past and projected future experience that continues to be more adverse than previously expected and originally priced for. The current premiums are unreasonably low in comparison to the benefits provided. A rate increase on the above policy form is needed to reduce the losses on this business.

In the interest of balancing the needs of policyholders and rate equity across jurisdictions, we are requesting premium rate increases averaging 40%, which is much lower than we could actuarially justify. This level is in line with our request nationwide on these policy forms. The attached actuarial memorandum contains justification for this premium increase.

To better enable our policyholders to accommodate these revised premium rates, we will be offering the following options (as available):

- •Maintain current benefit amounts by paying the increased premium.
- •Reduce the percentage rate increase by reducing benefit period
- •Lessen the impact of the rate increase by cancelling the benefit increase rider. As a part of this rate increase for a limited time, policyholders who reduce or cancel their COLA benefit riders will maintain all of their past COLA benefit increase percentages through a Policy Endorsement.
- •Lessen the impact of the rate increase by reducing benefit amounts and/or benefit riders or lengthening elimination period. A reduction may fully or partially offset the premium increase. Benefit minimum policy requirements apply.
- •Elect the reduced paid-up option in the Premium Increase Contingent Benefit Upon Lapse Rider which was approved on 9/11/2020 (SERFF Tracking # ALLB-132270504).

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

Subject to Department approval of this filing, we plan to begin implementing this increase in 2021. The increase would be effective on a policy's next anniversary following the implementation date. Policyholders will be notified at least 60 days prior to the effective date of their increase. In the notification, Allianz will lay out the above policyholder options.

If the full requested rate increase is approved and implemented, the Company doesn't currently intend to request any additional rate increases on these policy forms unless experience worsens and the revised rates will be guaranteed not to increase for four years. The Company is also willing to phase-in a larger rate increase over multiple years to lessen the immediate impact on policyholders.

Thank you for your consideration of this filing. If you have any questions or if you need additional information to complete your review, please send an email to Noelle.Destrampe@AllianzLife.com.

Sincerely,

Noelle Destrampe, FSA MAAA Actuary Allianz Life Insurance of North America

# **Company and Contact**

# **Filing Contact Information**

Noelle Destrampe, Associate Actuary Noelle.Destrampe@allianzlife.com

5701 Golden Hills Drive 763-765-7789 [Phone] Minneapolis, MN 55416

# **Filing Company Information**

Allianz Life Insurance Company of CoCode: 90611 State of Domicile: Minnesota

North America Group Code: 761 Company Type: 02 5701 Golden Hills Drive Group Name: State ID Number:

Minneapolis, MN 55416-1297 FEIN Number: 41-1366075

(800) 328-5601 ext. [Phone]

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Yes

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Filing Fees**

# **State Fees**

Retaliatory?

Fee Required? Yes
Fee Amount: \$125.00

Fee Explanation: State of domicile is Minnesota. Minnesota's fee for rates only is \$125.

Per Company: Yes

CompanyAmountDate ProcessedTransaction #Allianz Life Insurance Company of North America\$125.0007/13/2021 01:08 PM204873434

EFT Total \$125.00

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Correspondence Summary**

**Dispositions** 

Status	Created By	Created On	Date Submitted
Approved	Valerie Romig	11/15/2021	11/15/2021

# **Objection Letters and Response Letters**

Objection Letters

Status	Created By	Created On	Date Submitted
Disapproved	Valerie Romig	10/13/2021	10/13/2021
Disapproved	Jim Laverty	07/26/2021	07/26/2021

# Response Letters

Responded By	Created On	Date Submitted
Sheila Kleve	11/09/2021	11/10/2021
Sheila Kleve	09/15/2021	09/17/2021

Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

LTC Rate Increase 2021 - GPR Product Name:

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Disposition**

State:

Disposition Date: 11/15/2021 Effective Date: 11/15/2021

Status: Approved

Comment: November 15, 2021

Noelle Destrampe, Associate Actuary Allianz Life Insurance Company of North America 5701 Golden Hills Drive Minneapolis, MN 55416-1297

RE: Proposed aggregate 40.1% increase on 1,431 policyholders of Allianz LTC forms 10-P-Q-PA and 10-P-Q-PA(F). Pennsylvania Insurance Department ID # ALLB-132903805

Dear Noelle Destrampe:

The Department approves a 20% increase on the above captioned forms.

Sincerely,

Valerie Romig **Actuarial Associate** 

Bureau of Life, Accident and Health Insurance

	Overall %	Overall %	Written Premium	Number of Policy	Written	Maximum %	Minimum %
Company	Indicated	Rate	Change for	<b>Holders Affected</b>	Premium for	Change	Change
Name:	Change:	Impact:	this Program:	for this Program:	this Program:	(where req'd):	(where req'd):
Allianz Life Insurance Company of North America	20.000%	20.000%	\$725,968	1,431	\$3,629,838	20.000%	20.000%

Schedule	Schedule Item	Schedule Item Status	Public Access
Supporting Document	Transmittal Letter (A&H)		Yes

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

Schedule	Schedule Item	Schedule Item Status	Public Access
Supporting Document	Actuarial Certification (A&H)		Yes
Supporting Document	Actuarial Memorandum and Explanatory Information (A&H)		Yes
Supporting Document	Advertisements (A&H)		Yes
Supporting Document	Authorization to File (A&H)		Yes
Supporting Document	Insert Page Explanation (A&H)		Yes
Supporting Document	Rate Table (A&H)		Yes
Supporting Document	Replacement Form with Highlighted Changes (A&H)		Yes
Supporting Document	Advertisement Compliance Certification		Yes
Supporting Document	Reserve Calculation (A&H)		Yes
Supporting Document	Variability Explanation (A&H)		Yes
Supporting Document	Policyholder Notification Letter		Yes
Supporting Document	CONFIDENTIAL Exhibits		No
Supporting Document	Response to 7/26/2021 Objection		Yes
Supporting Document	Response to Objection Received on October 13, 2021		Yes
Rate (revised)	Generation Protector		Yes
Rate	Generation Protector		No

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Objection Letter**

Objection Letter Status

Objection Letter Date

Disapproved
10/13/2021

Submitted Date

Disapproved
10/13/2021

Respond By Date

Dear Noelle Destrampe,

Introduction:

October 13, 2021

Noelle Destrampe, Associate Actuary Allianz Life Insurance Company of North America 5701 Golden Hills Drive Minneapolis, MN 55416-1297

RE: Proposed aggregate 40.1% increase on 1,431 policyholders of Allianz LTC forms 10-P-Q-PA and 10-P-Q-PA(F). Pennsylvania Insurance Department ID # ALLB-132903805

Dear Noelle Destrampe:

The captioned filing has been reviewed by the Pennsylvania Insurance Department. It has been determined that the filing fails to meet the requirements of our Insurance Company Laws or regulations and is therefore disapproved pursuant to the authority granted under Section 304(a) of Act 134, the Accident and Health Filing Reform Act. In the event you have any questions regarding the stated concerns, please feel free to contact the Department for further clarification.

The disapproved filing may be resubmitted within 120 days of the date of disapproval. If the Department does not hear from you within 120 days, the subject filing will be permanently closed. Such filings resubmitted after 120 days must be submitted as a new filing, inclusive of appropriate filing fees and disclosure of the closed filing SERFF tracking number.

The Department cannot approve this filing as submitted. Alternatively, we can offer a 20% increase on the above captioned forms.

If Allianz would like to accept our offer, then please respond with an acceptance letter.

Sincerely,

Valerie Romig
Actuarial Associate
Bureau of Life, Accident and Health Insurance

#### Conclusion:

Sincerely, Valerie Romig

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Objection Letter**

Objection Letter Status Disapproved
Objection Letter Date 07/26/2021
Submitted Date 07/26/2021

Respond By Date

Dear Noelle Destrampe,

Introduction:

July 26, 2021

Noelle Destrampe, Associate Actuary Allianz Life Insurance Company of North America 5701 Golden Hills Drive Minneapolis, MN 55416

RE: Proposed aggregate 40.1% increase on 1,431 policyholders of Allianz LTC forms 10-P-Q-PA and 10-P-Q-PA(F). Pennsylvania Insurance Department ID # ALLB-132903805

Dear Noelle Destrampe:

The captioned filing has been reviewed by the Pennsylvania Insurance Department. It has been determined that the filing fails to meet the requirements of our Insurance Company Laws or regulations and is therefore disapproved pursuant to the authority granted under Section 304(a) of Act 134, the Accident and Health Filing Reform Act. In the event you have any questions regarding the stated concerns, please feel free to contact the Department for further clarification.

The disapproved filing may be resubmitted within 120 days of the date of disapproval. If the Department does not hear from you within 120 days, the subject filing will be permanently closed. Such filings resubmitted after 120 days must be submitted as a new filing, inclusive of appropriate filing fees and disclosure of the closed filing SERFF tracking number.

Please furnish the following information to the Department.

- 1. Please provide the exhibits in this filing in an Excel workbook.
- 2. Please provide a table in an Excel spreadsheet (perhaps similar to Exhibit 5) which shows the historical and projected nationwide earned premium and incurred claims on a calendar year basis assuming no rate increase is granted. Please restate the historical and projected earned premium so that the business from inception appears to have been all been earned at the current Pennsylvania rate level. Please don't group the data until calendar year 2072 (similar to Exhibit 3 and 5, show 2003 through 2072+).
- 3. Please provide a table in an Excel spreadsheet (perhaps similar to Exhibit 5) which shows the historical and projected nationwide earned premium and incurred claims on a calendar year basis assuming no rate increase is granted. Please restate the historical and projected earned premium so that the business from inception appears to have been all been earned at the original rate level. The original rate level is the rate level that would have existed if no increase was ever granted on any policy nationwide. Please don't group the data until calendar year 2072 (similar to Exhibit 3 and 5, show 2003 through 2072+).
- 4. How many policies from this block were issued nationwide?
- 5. How many policies from this block remain in force nationwide?

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

6. The policyholder has the option to drop the COLA but keep the rider's accrued benefits. What premium would a policyholder pay if he chose this option?

Sincerely,

James Laverty, FSA, MAAA Actuary Bureau of Life, Accident and Health Insurance

#### Conclusion:

Sincerely, Jim Laverty

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Response Letter**

Response Letter Status Submitted to State

Response Letter Date 11/09/2021 Submitted Date 11/10/2021

Dear Valerie Romig,

#### Introduction:

This is in response to your objection.

# Response 1

#### Comments:

A Response to Objection has been attached to the Supporting Documentation Tab.

A Post-Submission Update has been submitted to revise the Rate/Rule Tab.

# Changed Items:

Supporting Document Schedule Item Changes			
Satisfied - Item:	Response to Objection Received on October 13, 2021		
Comments:			
Attachment(s):	Response to Objection Received on October 13 2021.pdf		

No Form Schedule items changed.

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

Rate/Rule Schedule Item Changes							
Item No.	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments	Date Submitted	
1	Generation Protector	10-P-Q-PA, 10-P-Q- PA(F)	Revised	Previous State Filing Number: ALLB-130164399 Percent Rate Change Request: 20	PA (Generation Protector) Current Rates.pdf, PA (Generation Protector) Proposed Rates.pdf,	11/10/2021 By: Sheila Kleve	
Previous Version							
1	Generation Protector	10-P-Q-PA, 10-P-Q- PA(F)	Revised	Previous State Filing Number: ALLB-130164399 Percent Rate Change Request: 40	PA (Generation Protector) Current Rates.pdf, PA (Generation Protector) Proposed Rates.pdf,	07/13/2021 By: Megan Fensterman	

# Conclusion:

Thank you for your continued review of this filing.

Sincerely,

Sheila Kleve

Sincerely,

Sheila Kleve

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Response Letter**

Response Letter Status Submitted to State

Response Letter Date 09/15/2021 Submitted Date 09/17/2021

Dear Valerie Romig,

Introduction:

This is in response to your objection dated 7/26/2021.

#### Response 1

#### Comments:

Please see Response Letter and Exhibits attached to the Supporting Documentation tab.

# Changed Items:

Supporting Document Schedule Item Changes			
Satisfied - Item:	Response to 7/26/2021 Objection		
Comments:			
Attachment(s):	Response to Objection Received on July 26 2021.pdf Attachments 1 and 2 - GPR - PA.xlsx		

No Form Schedule items changed.

No Rate/Rule Schedule items changed.

#### Conclusion:

Thank you for your continued review of this filing. Please let me know if you have further questions or concerns.

Sincerely,

Megan Fensterman

Sincerely,

Sheila Kleve

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# Post Submission Update Request Processed On 11/15/2021

Status: Allowed

Created By: Sheila Kleve
Processed By: Valerie Romig

Comments:

# **Company Rate Information:**

Company Name: Allianz Life Insurance Company of North America

Field Name	Requested Change	Prior Value
Overall % Indicated Change	20.000%	40.100%
Overall % Rate Impact	20.000%	40.100%
Written Premium Change for this Program	n\$725968	\$1455214
Maximum %Change (where required)	20.000%	65.000%

Filing Company:

Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Pennsylvania

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Rate Information**

State:

Rate data applies to filing.

Filing Method: SERFF

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 31.500%

Effective Date of Last Rate Revision: 01/27/2017

Filing Method of Last Filing: SERFF

SERFF Tracking Number of Last Filing: ALLB-130164399

# **Company Rate Information**

Company	Overall % Indicated	Overall % Rate	Written Premium Change for	Number of Policy Holders Affected	Written Premium for	Maximum % Change	Minimum % Change
Name:	Change:	Impact:	this Program:	for this Program:	this Program:	(where req'd):	(where req'd):
Allianz Life Insurance Company of North America	20.000%	20.000%	\$725,968	1,431	\$3,629,838	20.000%	20.000%

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# Rate/Rule Schedule

Item No.	Schedule Item Status	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
1		Generation Protector	10-P-Q-PA, 10-P-Q-PA(F)	Revised	Previous State Filing Number: ALLB-130164399 Percent Rate Change Request: 20	PA (Generation Protector) Current Rates.pdf, PA (Generation Protector) Proposed Rates.pdf,

Generation Protector (Current)
Allianz Life Insurance Company of North America
5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297
Base Premium Rates
Preferred Rate Class, 90 Day Elimination Period
Rates are per \$10 Facility Care Daily Benefit

Facility Care Benefit and 70% Home and Community Care Benefit

Facility Care Benefit and 100% Home and Community Care Benefit

Facility Care Benefit and 130% Home and Community Care Benefit

Age	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	31	35	38	41	46	55	32	36	40	42	47	58	36	40	43	47	52	64
41	31	35	38	41	46	55	32	36	40	43	48	58	36	40	43	47	53	64
42	31	35	40	42	47	56	32	36	41	43	48	59	36	41	44	48	53	65
43	32	36	41	43	48	58	34	37	42	44	49	60	37	42	46	49	54	66
44	34	37	41	44	49	59	35	38	42	46	50	61	38	42	47	50	55	67
45	35	38	42	46	50	60	36	40	43	47	52	62	40	43	48	52	58	70
46	35	40	43	47	52	62	36	41	44	48	53	65	40	44	49	53	59	71
47	36	41	44	48	53	64	37	42	46	49	54	66	41	46	50	54	60	72
48	37	42	46	49	54	65	38	43	47	50	55	67	42	47	52	55	61	74
49	38	43	47	50	55	67	40	44	48	52	56	70	43	48	53	56	62	76
50	40	44	48	52	56	68	41	46	49	53	59	71	44	49	54	58	64	78
51	41	46	49	53	58	70	42	47	50	54	60	72	46	50	55	59	66	79
52	42	47	50	54	59	72	43	48	52	55	61	74	47	52	56	60	67	82
53	43	48	52	56	62	76	44	49	54	58	64	78	48	54	59	64	71	85
54	46	50	54	59	65	79	47	52	56	60	67	82	50	56	61	66	73	89
55	48	53	58	61	68	83	49	54	59	64	71	85	53	59	65	70	77	94
56	49	55	60	65	72	86	50	56	62	66	73	89	55	61	67	72	80	97
57	52	58	62	67	74	91	53	59	65	70	77	94	58	65	71	76	84	102
58	55	61	67	72	80	97	56	62	70	74	83	100	61	68	76	80	90	109
59	59	66	72	77	85	103	60	67	74	79	88	107	66	73	80	86	96	116
60	64	70	77	83	91	110	65	72	79	85	95	114	71	78	86	92	103	125
61	67	74	82	88	97	118	68	77	84	90	101	122	74	83	91	98	109	133
62	72	79	88	94	104	125	73	82	90	97	108	131	80	89	98	106	118	143
63	78	86	95	102	113	137	79	89	97	106	116	142	86	96	107	114	127	155
64	85	94	103	110	122	148	86	96	106	114	127	155	94	104	115	125	138	168
65	91	101	112	120	133	161	94	104	115	124	138	168	102	113	125	136	150	182
66	100	110	121	131	145	175	102	113	125	134	150	182	110	122	136	146	163	199
67	108	119	132	142	157	191	110	122	136	146	163	198	120	133	148	160	178	216
68	119	132	145	157	174	211	121	136	150	162	181	220	132	148	163	176	197	239
69 70	132 145	145	161 179	174 193	193 214	234 259	134 149	149	166 184	180 199	200 222	244 270	146 162	162 180	181 200	196 217	218 241	265
70 71	161	161 178	179	215	238	287	163	164 181	203	221	246	299	179		200	241	268	294 325
71	178	176	218	238	236 263	318		200	203	245	272	331	179	198 218	245	266	298	361
73	176	216	242	236 264	203 292	353	181 200	200	250 250	2 <del>4</del> 5 271	302	368	218	242	245 272	296	330	401
73 74	217	240	269	293	324	392	200	246	276	301	336	409	241	268	301	329	366	446
74 75	240	265	298	325	360	437	245	272	306	335	373	455	266	296	334	365	407	496
76	265	203	330	360	400	486	2 <del>4</del> 5 271	301	340	372	414	506	295	328	33 <del>4</del> 371	404	452	552
77	203	325	365	400	444	540	300	334	377	413	461	563	326	364	410	449	502	613
78	324	358	404	443	493	600	330	367	416	457	511	625	360	400	454	449	557	682
79	356	395	446	492	547	667	364	404	461	506	566	695	397	440	502	552	618	757
80	394	434	494	545	607	740	401	445	510	562	629	772	437	486	556	612	685	841
81	433	43 <del>4</del> 479	546	604	673	823	442	491	564	623	697	857	481	535	614	679	761	935
82	433 478	528	605	670	748	914	442 487	541	623	690	774	953	530	590	679	752	844	1,038
83	526	526 582	668	743	829	1,015	536	596	689	766	859	1,058	586	650	751	834	936	1,036
84	526 580	562 641	739	823	919		592	658	762	848	953		644		830	925	1,039	1,133
84	500	041	139	023	919	1,128	592	000	102	040	903	1,175	044	716	030	925	1,039	1,200

# Generation Protector (Current) Allianz Life Insurance Company of North America 5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297 Rider Premium Rates and Premium Factors

Factors applied to base premium rates

					5%									
	5%	4%	3%	5%	Compound	2 Times	Limited	Accelera	ted Pay	Shortened Benefit	Spousal		Restoration	Spousal
	Compound	Compound	Compound	Simple	COLA w/2X	Compound Plus	Pay	Rider (*	10-R7)	Period Rider	Survivorship	Benefit	of Benefits	Shared Care
Age	COLA (10-R3)	COLA (10-R2)	COLA (10-R1)	COLA (10-R5)	Cap (10-R4)	COLA (10-R22)	(10-R6)		years 11+	(10-R8)	Rider (10-R21)	Period	Rider (10-R16)	Rider (10-R19)
18-40	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	2 year	1.08	1.09
41	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	3 year	1.05	1.08
42	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	4 year	1.04	1.07
43	3.80	3.00	2.20	2.14	1.92	2.00	1.17	1.40	0.70	1.20	1.15	5 year	1.04	1.06
44	3.80	3.00	2.20	2.14	1.92	2.00	1.17	1.40	0.70	1.20	1.15	8 year	1.04	1.04
45	3.73	2.96	2.18	2.12	1.92	1.99	1.18	1.40	0.70	1.21	1.15	Lifetime	N/A	N/A
46	3.73	2.96	2.18	2.12	1.92	1.99	1.18	1.40	0.70	1.21	1.15	Destaution of Deserti	d Ob d	
47	3.67	2.92	2.18	2.12	1.92	1.98	1.18	1.40	0.70	1.21	1.15	Restoration of Benefi		
48	3.61	2.90	2.18	2.11	1.92	1.97	1.19	1.40	0.70	1.21	1.15	Care riders are not av		
49	3.58	2.89 2.89	2.17	2.10 2.10	1.92 1.92	1.97 1.96	1.19 1.20	1.40	0.70	1.22 1.22	1.15 1.15	Lifetime benefit perior	option.	
50	3.57		2.17					1.40	0.70					
51	3.54 3.52	2.88 2.86	2.16	2.09 2.08	1.92 1.92	1.96 1.94	1.20	1.40	0.70	1.22 1.22	1.15 1.15	HOO Mandala Bandi	Did (40 D40)	1.06
52			2.16				1.21	1.40	0.70			HCC Monthly Benefi		
53	3.45	2.81	2.14	2.06	1.92	1.94	1.23	1.40	0.70	1.23	1.15	Spousal Waiver of P		1.03
54	3.36	2.75	2.10	2.06	1.92	1.93	1.24	1.40	0.70	1.23	1.15	HCC Calendar Day E		1.02
55	3.29	2.70	2.08	2.05	1.92	1.93	1.26	1.40	0.70	1.23	1.15	Waiver of HCC EP (1	0-R11)	1.12
56	3.22	2.66	2.04	2.05	1.92	1.92	1.27	1.40	0.70	1.23	1.14			
57	3.15	2.61	2.02	2.04	1.92	1.92	1.29	1.40	0.70	1.24	1.14	Elimination Period F	actors	
58	3.10	2.58	1.99	2.03	1.92	1.92	1.30	1.40	0.70	1.24	1.14	7 Day		1.30
59	3.07	2.55	1.97	2.03	1.91	1.92	1.31	1.40	0.70	1.24	1.13	30 Day		1.20
60	3.03	2.51	1.96	2.02	1.91	1.91	1.32	1.40	0.70	1.24	1.13	60 Day		1.08
61	3.00	2.48	1.93	2.02	1.90	1.91	1.33	1.40	0.70	1.25	1.12	90 Day		1.00
62	2.96	2.46	1.91	2.00	1.90	1.91	1.34	1.40	0.70	1.25	1.12	180 Day		0.90
63	2.90	2.42	1.88	1.98	1.88	1.91	1.35	1.40	0.70	1.25	1.12			
64	2.84	2.38	1.86	1.96	1.87	1.91	1.35	1.40	0.70	1.25	1.11	5:10. 5 .		
65	2.78	2.34	1.84	1.94	1.87	1.91	1.36	1.20	0.60	1.26	1.11	Risk Class Factors		
66	2.74	2.30	1.81	1.92	1.86	1.91	1.36	1.20	0.60	1.26	1.10	Preferred Plus		0.85
67	2.68	2.25	1.79	1.90	1.85	1.91	1.37	1.20	0.60	1.26	1.10	Preferred		1.00
68	2.62	2.21	1.76	1.87	1.84	1.90	1.35	1.20	0.60	1.26	1.09	Standard		1.20
69	2.57	2.17	1.74	1.86	1.82	1.88	1.32	1.20	0.60	1.27	1.09	Select I		1.50
70	2.51	2.13	1.73	1.84	1.81	1.87	1.30	1.20	0.60	1.27	1.09	Select II		1.80
71	2.45	2.11	1.70	1.82	1.80	1.86	1.27	1.20	0.60	1.27	1.08			
72	2.39	2.07	1.68	1.80	1.79	1.85	1.25	1.20	0.60	1.27	1.08	Modal Premium Fac	ors	4 000
73	2.35	2.04	1.66	1.78	1.78	1.82	1.23	1.20	0.60	1.28	1.08	Annual		1.000
74	2.30	2.00	1.64	1.75	1.76	1.81	1.20	1.20	0.60	1.28	1.07	Semi-annual		0.520
75	2.26	1.97	1.62	1.74	1.74	1.79	1.18	1.20	0.60	1.28	1.07	Quarterly		0.265
76	2.22	1.93	1.61	1.72	1.73	1.78	1.15	1.20	0.60	1.28	1.06	Monthly Bill		0.090
77	2.17	1.90	1.58	1.69	1.72	1.75	1.13	1.20	0.60	1.29	1.06	Monthly PAC/EFT		0.087
78	2.15	1.88	1.57	1.68	1.70	1.74	1.12	1.20	0.60	1.29	1.05	D:		
79	2.10	1.86	1.56	1.67	1.69	1.72	1.11	1.20	0.60	1.29	1.05	Discount Factors		0.05
80	2.07	1.84	1.54	1.66	1.68	1.70	1.10	1.20	0.60	1.29	1.05	Married (10-R17)		0.85
81	2.04	1.82	1.52	1.64	1.67	1.68	1.09	1.20	0.60	1.30	1.04	Spousal (10-R18)		0.70
82	2.01	1.80	1.51	1.63	1.66	1.67	1.08	1.20	0.60	1.30	1.04			
83	1.99	1.77	1.50	1.62	1.63	1.67	1.07	1.20	0.60	1.30	1.04			
84	1.96	1.76	1.49	1.61	1.61	1.67	1.06	1.20	0.60	1.30	1.04			

# **Generation Protector (Current) Allianz Life Insurance Company of North America** 5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297 **Rider Premium Rates**

# Comprehensive Monthly Indemnity Benefit Rider (10-R13)

#### Home and Community Care Monthly Indemnity Benefit Rider (10-R12)

Premium per \$250 monthly benefit

Premium added to base premium before any premium factors are applied

Premium per \$2	250 montniy	/ benefit			
Premium added	d to base pr	emium befor	e any premi	um factors a	re applied
Age	2 year	3 year	4 year	5 year	8 year
18-40	16	18	19	22	24
41	17	18	20	22	24

Age	2 year	3 year	4 year	5 year	8 year	Lifetime	Age	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	31	34	37	41	44	54	18-40	16	18	19	22	24	29
41	31	35	37	41	46	55	41	17	18	20	22	24	29
42	31	35	38	41	46	55	42	17	18	20	22	24	29
43	32	36	40	42	47	56	43	17	19	20	22	25	30
44	32	36	41	43	48	59	44	17	19	22	23	25	31
45	34	37	41	44	49	60	45	18	19	22	23	26	31
46	35	38	42	46	50	61	46	18	20	23	24	26	32
47	36	40	43	47	52	62	47	19	20	23	24	28	32
48	36	41	44	48	53	64	48	19	22	23	25	28	34
49	37	41	46	49	54	66	49	19	22	24	25	29	35
50	38	42	47	50	55	67	50	20	23	24	26	29	35
51	40	43	48	52	56	68	51	20	23	25	26	30	36
52	40	44	49	53	58	71	52	22	23	25	28	30	37
53	42	47	52	55	61	73	53	22	24	26	29	32	38
54	44	49	54	58	64	77	54	23	25	28	30	34	41
55	46	52	56	60	67	80	55	24	26	30	31	35	43
56	48	54	59	64	70	85	56	25	28	31	34	37	44
57	50	56	61	66	73	89	57	26	30	32	35	38	47
58	54	60	66	71	78	95	58	29	31	35	37	41	50
59	58	64	70	76	84	102	59	30	34	37	40	44	54
60	61	68	74	80	90	109	60	32	36	40	42	47	58
61	65	72	80	86	96	116	61	35	38	42	46	50	61
62	70	78	85	92	102	124	62	37	41	44	48	54	65
63	76	84	92	100	112	134	63	40	44	49	53	59	71
64	82	91	101	108	121	146	64	43	48	53	58	64	77
65	89	98	109	118	131	160	65	47	52	58	62	70	84
66	96	107	119	128	143	173	66	50	56	62	67	76	91
67	104	116	128	139	155	188	67	55	61	67	73	82	100
68	115	128	143	155	172	209	68	61	67	76	82	90	109
69	127	142	157	170	190	232	69	67	74	83	90	100	121
70	140	156	174	190	211	256	70	74	83	92	100	110	134
71	156	173	193	210	234	283	71	82	91	102	110	122	149
72	172	191	214	233	259	314	72	90	101	113	122	137	166
73	190	211	236	258	288	349	73	100	112	125	136	151	184
74	210	234	263	287	319	389	74	110	122	138	151	168	205
74 75	233	258	292	318	355	432	74 75	122	136	154	167	187	228
76	257	286	323	353	394	481	76	136	150	170	186	208	253
77 70	284	317	358	391	438	535	77	150	167	188	206	230	282
78 70	314	349	396	434	485	594	78 70	166	184	209	228	256	313
79	346	384	438	481	539	660	79	182	203	230	253	283	347
80	382	424	484	534	598	733	80	200	223	254	281	314	386
81	420	467	535	592	662	815	81	221	246	282	311	349	428
82	463	514	592	656	736	905	82	244	270	312	346	388	476
83	510	566	655	727	816	1,006	83	269	298	344	383	430	529
84	562	624	724	806	905	1,116	84	295	329	382	425	476	588

Generation Protector (Proposed)
Allianz Life Insurance Company of North America
5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297
Base Premium Rates
Preferred Rate Class, 90 Day Elimination Period
Rates are per \$10 Facility Care Daily Benefit

Facility Care Benefit and 70% Home and Community Care Benefit

Facility Care Benefit and 100% Home and Community Care Benefit

Facility Care Benefit and 130% Home and Community Care Benefit

Age	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	37	42	46	49	55	66	39	43	48	50	56	69	43	48	52	56	62	76
41	37	42	46	49	55	66	39	43	48	52	58	69	43	48	52	56	63	76
42	37	42	48	50	56	68	39	43	49	52	58	71	43	49	53	58	63	78
43	39	43	49	52	58	69	40	45	50	53	59	72	45	50	55	59	65	79
44	40	45	49	53	59	71	42	46	50	55	60	73	46	50	56	60	66	81
45	42	46	50	55	60	72	43	48	52	56	62	75	48	52	58	62	69	84
46	42	48	52	56	62	75	43	49	53	58	63	78	48	53	59	63	71	85
47	43	49	53	58	63	76	45	50	55	59	65	79	49	55	60	65	72	86
48	45	50	55	59	65	78	46	52	56	60	66	81	50	56	62	66	73	89
49	46	52	56	60	66	81	48	53	58	62	68	84	52	58	63	68	75 	91
50	48	53	58	62	68	82	49	55	59	63	71	85	53	59	65	69	76	94
51	49	55	59	63	69	84	50	56	60	65	72	86	55	60	66	71	79	95
52	50	56	60	65	71	86	52	58	62	66	73	89	56	62	68	72	81	98
53	52	58	62	68	75 70	91	53	59	65	69	76	94	58	65	71	76	85	102
54	55 50	60	65	71	78	95	56	62	68	72	81	98	60	68	73	79	88	107
55	58	63	69	73	82	99	59	65	71 75	76 70	85	102	63	71	78	84	92	112
56	59	66	72 75	78	86	104	60	68	75 70	79	88	107	66	73	81	86	96	117
57	62	69	75	81	89	109	63	71 75	78	84	92	112	69	78	85	91	101	122
58	66	73	81	86	96	117	68	75 04	84	89 05	99	120	73	82	91	96	108	131
59	71	79	86	92	102	124	72 70	81	89 05	95	105	128	79	88	96	104	115	140
60	76	84	92	99	109	132	78	86	95	102	114	137	85	94	104	111	124	150
61	81	89	98	105	117	141	82	92	101	108	121	147	89	99	109	118	131	160
62 63	86 94	95 104	105 114	112 122	125 135	150 164	88 95	98 107	108 117	117 127	130 140	157 170	96 104	107 115	118 128	127 137	141 153	171 186
64 65	102 109	112 121	124 134	132 144	147 160	177 193	104 112	115 125	127 138	137 148	153 166	186 202	112 122	125 135	138 150	150 163	166 180	202 219
66	120	132	134		174	210	122	135	150	161	180	202	132	147		176		239
67	130	143	158	157 170	189	229	132	147	163	176	196	219	144	160	163 177	176	196 213	259 259
68	143	158	174	189	209	253	145	163	180	176	217	264	158	177	196	212	236	287
69	158	174	193	209	232	281	161	179	199	216	240	292	176	194	217	235	262	318
70	174	193	215	232	256	311	179	197	220	239	266	324	194	216	240	261	289	353
71	193	213	236	258	285	344	196	217	243	265	295	359	215	238	266	289	321	390
72	213	235	262	285	315	382	217	240	269	294	327	397	236	262	294	320	357	433
73	235	259	291	317	350	423	240	266	300	325	363	442	262	291	327	356	396	481
74	261	288	323	351	389	471	265	295	331	361	403	491	289	321	361	395	439	536
75	288	318	357	390	432	524	294	327	367	402	448	546	320	356	400	438	488	595
76	318	353	396	432	480	583	325	361	408	446	497	608	354	393	445	485	543	662
77	353	390	438	480	533	648	360	400	452	495	553	675	392	436	492	539	602	736
78	389	429	485	531	592	720	396	441	500	549	613	750	432	480	544	598	668	818
79	428	474	536	590	657	801	436	485	553	608	680	834	477	528	602	662	742	909
80	472	521	593	654	729	888	481	534	612	674	755	926	524	583	667	734	822	1,009
81	520	575	655	724	808	988	530	589	677	747	837	1,028	577	642	737	815	913	1,122
82	573	634	726	804	897	1,097	585	649	747	828	929	1,143	636	708	815	903	1,012	1,246
83	631	698	802	891	995	1,218	644	716	827	919	1,031	1,270	703	780	901	1,001	1,123	1,384
84	696	769	887	988	1,103	1,354	710	789	914	1,018	1,143	1,410	773	860	996	1,110	1,247	1,536
1						,				, -	, -	, -					*	,

# Generation Protector (Proposed) Allianz Life Insurance Company of North America 5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297 Rider Premium Rates and Premium Factors

Factors applied to base premium rates

					5%									
	5%	4%	3%	5%	Compound	2 Times		Accelera	ted Pay	Shortened Benefit	Spousal		Restoration	Spousal
	Compound	Compound	Compound	Simple	COLA w/2X	Compound Plus	Pay	Rider (1	I0-R7)	Period Rider	Survivorship	Benefit	of Benefits	Shared Care
Age	COLA (10-R3)	COLA (10-R2)	COLA (10-R1)	COLA (10-R5)	Cap (10-R4)	COLA (10-R22)	(10-R6)	years 1-10		(10-R8)	Rider (10-R21)	Period	Rider (10-R16)	Rider (10-R19)
18-40	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	2 year	1.08	1.09
41	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	3 year	1.05	1.08
42	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	4 year	1.04	1.07
43	3.80	3.00	2.20	2.14	1.92	2.00	1.17	1.40	0.70	1.20	1.15	5 year	1.04	1.06
44	3.80	3.00	2.20	2.14	1.92	2.00	1.17	1.40	0.70	1.20	1.15	8 year	1.04	1.04
45	3.73	2.96	2.18	2.12	1.92	1.99	1.18	1.40	0.70	1.21	1.15	Lifetime	N/A	N/A
46	3.73	2.96	2.18	2.12	1.92	1.99	1.18	1.40	0.70	1.21	1.15			
47	3.67	2.92	2.18	2.12	1.92	1.98	1.18	1.40	0.70	1.21	1.15	Restoration of Benef		
48	3.61	2.90	2.18	2.11	1.92	1.97	1.19	1.40	0.70	1.21	1.15	Care riders are not a		
49	3.58	2.89	2.17	2.10	1.92	1.97	1.19	1.40	0.70	1.22	1.15	Lifetime benefit perio	d option.	
50	3.57	2.89	2.17	2.10	1.92	1.96	1.20	1.40	0.70	1.22	1.15			
51	3.54	2.88	2.16	2.09	1.92	1.96	1.20	1.40	0.70	1.22	1.15	UCC Mandala Dana	it Did (40 D40)	4.00
52	3.52	2.86	2.16	2.08	1.92	1.94	1.21	1.40	0.70	1.22	1.15	HCC Monthly Benef		1.06
53	3.45	2.81 2.75	2.14	2.06	1.92 1.92	1.94	1.23 1.24	1.40	0.70	1.23	1.15	Spousal Waiver of F		1.03
54	3.36 3.29	2.75	2.10 2.08	2.06 2.05	1.92	1.93 1.93	1.24	1.40 1.40	0.70 0.70	1.23 1.23	1.15 1.15	HCC Calendar Day Waiver of HCC EP (		1.02 1.12
55	3.29	2.70	2.08	2.05	1.92	1.93	1.26	1.40	0.70	1.23	1.15	waiver of HCC EP (	10-R11)	1.12
56	3.22								0.70			Elizabeth and Deviced I	4	
57	3.15	2.61 2.58	2.02 1.99	2.04 2.03	1.92 1.92	1.92 1.92	1.29 1.30	1.40	0.70	1.24 1.24	1.14 1.14	Elimination Period I 7 Day	actors	1.30
58 59	3.10	2.55	1.99	2.03	1.92	1.92	1.31	1.40 1.40	0.70	1.24	1.13	30 Day		1.20
60	3.03	2.55	1.96	2.03	1.91	1.91	1.32	1.40	0.70	1.24	1.13	60 Day		1.08
	3.00	2.48	1.93	2.02	1.90	1.91	1.32	1.40	0.70	1.25	1.13	90 Day		1.00
61 62	3.00 2.96	2.48	1.93	2.02	1.90	1.91	1.33	1.40	0.70	1.25	1.12	90 Day 180 Day		0.90
63	2.90	2.42	1.88	1.98	1.88	1.91	1.34	1.40	0.70	1.25	1.12	160 Day		0.90
64	2.84	2.42	1.86	1.96	1.87	1.91	1.35	1.40	0.70	1.25	1.12			
65	2.78	2.34	1.84	1.94	1.87	1.91	1.36	1.20	0.60	1.26	1.11	Risk Class Factors		
66	2.74	2.34	1.81	1.92	1.86	1.91	1.36	1.20	0.60	1.26	1.10	Preferred Plus		0.85
67	2.68	2.25	1.79	1.90	1.85	1.91	1.37	1.20	0.60	1.26	1.10	Preferred		1.00
68	2.62	2.21	1.76	1.87	1.84	1.90	1.35	1.20	0.60	1.26	1.09	Standard		1.20
69	2.57	2.17	1.74	1.86	1.82	1.88	1.32	1.20	0.60	1.27	1.09	Select I		1.50
70	2.51	2.13	1.73	1.84	1.81	1.87	1.30	1.20	0.60	1.27	1.09	Select II		1.80
71	2.45	2.11	1.70	1.82	1.80	1.86	1.27	1.20	0.60	1.27	1.08	Ocioot II		1.00
72	2.39	2.07	1.68	1.80	1.79	1.85	1.25	1.20	0.60	1.27	1.08	Modal Premium Fac	tors	
73	2.35	2.04	1.66	1.78	1.78	1.82	1.23	1.20	0.60	1.28	1.08	Annual		1.000
74	2.30	2.00	1.64	1.75	1.76	1.81	1.20	1.20	0.60	1.28	1.07	Semi-annual		0.520
75	2.26	1.97	1.62	1.74	1.74	1.79	1.18	1.20	0.60	1.28	1.07	Quarterly		0.265
76	2.22	1.93	1.61	1.72	1.73	1.78	1.15	1.20	0.60	1.28	1.06	Monthly Bill		0.090
77	2.17	1.90	1.58	1.69	1.72	1.75	1.13	1.20	0.60	1.29	1.06	Monthly PAC/EFT		0.087
78	2.15	1.88	1.57	1.68	1.70	1.74	1.12	1.20	0.60	1.29	1.05	,		
79	2.10	1.86	1.56	1.67	1.69	1.72	1.11	1.20	0.60	1.29	1.05	Discount Factors		
80	2.07	1.84	1.54	1.66	1.68	1.70	1.10	1.20	0.60	1.29	1.05	Married (10-R17)		0.85
81	2.04	1.82	1.52	1.64	1.67	1.68	1.09	1.20	0.60	1.30	1.04	Spousal (10-R18)		0.70
82	2.01	1.80	1.51	1.63	1.66	1.67	1.08	1.20	0.60	1.30	1.04	-,((-)		20
83	1.99	1.77	1.50	1.62	1.63	1.67	1.07	1.20	0.60	1.30	1.04			
84	1.96	1.76	1.49	1.61	1.61	1.67	1.06	1.20	0.60	1.30	1.04			

# Generation Protector (Proposed) Allianz Life Insurance Company of North America 5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297 Rider Premium Rates

# Comprehensive Monthly Indemnity Benefit Rider (10-R13)

# Home and Community Care Monthly Indemnity Benefit Rider (10-R12)

Premium per \$250 monthly benefit

Premium added to base premium before any premium factors are applied

Premium per \$250 monthly benefit Premium added to base premium before any premium factors are applied

Premium	added to ba	ase premium	before any	premium fac	tors are ap	plied	Premium add	ed to base p		re any prem		are applied	
Age	2 year	3 year	4 year	5 year	8 year	Lifetime	Age	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	37	40	45	49	53	65	18-40	19	22	23	26	29	35
41	37	42	45	49	55	66	41	20	22	24	26	29	35
42	37	42	46	49	55	66	42	20	22	24	26	29	35
43	39	43	48	50	56	68	43	20	23	24	26	30	36
44	39	43	49	52	58	71	44	20	23	26	27	30	37
45	40	45	49	53	59	72	45	22	23	26	27	32	37
46	42	46	50	55	60	73	46	22	24	27	29	32	39
47	43	48	52	56	62	75	47	23	24	27	29	33	39
48	43	49	53	58	63	76	48	23	26	27	30	33	40
49	45	49	55	59	65	79	49	23	26	29	30	35	42
50	46	50	56	60	66	81	50	24	27	29	32	35	42
51	48	52	58	62	68	82	51	24	27	30	32	36	43
52	48	53	59	63	69	85	52	26	27	30	33	36	45
53	50	56	62	66	73	88	53	26	29	32	35	39	46
54	53	59	65	69	76	92	54	27	30	33	36	40	49
55	55	62	68	72	81	96	55	29	32	36	37	42	52
56	58	65	71	76	84	102	56	30	33	37	40	45	53
57	60	68	73	79	88	107	57	32	36	39	42	46	56
58	65	72	79	85	94	114	58	35	37	42	45	49	60
59	69	76	84	91	101	122	59	36	40	45	48	53	65
60	73	82	89	96	108	131	60	39	43	48	50	56	69
61	78	86	96	104	115	140	61	42	46	50	55	60	73
62	84	94	102	111	122	148	62	45	49	53	58	65	78
63	91	101	111	120	134	161	63	48	53	59	63	71	85
64	98	109	121	130	145	176	64	52	58	63	69	76	92
65	107	118	131	141	157	192	65	56	62	69	75	84	101
66	115	128	143	154	171	207	66	60	68	75	81	91	109
67	125	140	154	167	186	226	67	66	73	81	88	98	120
68	138	154	171	186	206	251	68	73	81	91	98	108	131
69	153	170	189	204	228	278	69	81	89	99	108	120	145
70	168	187	209	228	253	307	70	89	99	111	120	132	161
71	187	207	232	252	281	340	71	98	109	122	132	147	179
72	206	229	256	279	311	377	72	108	121	135	147	164	199
73	228	253	284	310	346	419	73	120	134	150	163	181	220
74	252	281	315	344	383	467	74	132	147	166	181	202	246
75	279	310	350	382	426	518	75	147	163	184	200	225	274
76	308	343	387	423	472	577	76	163	180	204	223	249	304
77	341	380	429	469	526	642	77	180	200	226	248	276	338
78	377	419	475	521	582	713	78	199	220	251	274	307	376
79	415	461	526	577	647	792	79	219	243	276	304	340	416
80	458	508	580	641	717	880	80	240	268	305	337	377	464
81	504	560	642	710	795	978	81	265	295	338	373	419	514
82	556	616	710	788	883	1,086	82	292	324	374	415	465	572
83	612	680	786	873	979	1,207	83	323	357	413	459	516	635
84	674	749	868	968	1,086	1,339	84	354	395	458	510	572	706

Filing Company:

Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Pennsylvania

Product Name: LTC Rate Increase 2021 - GPR

State:

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

# **Supporting Document Schedules**

Satisfied - Item:	Transmittal Letter (A&H)
Comments:	Refer to General Information tab for filing description.
Attachment(s):	, i
Item Status:	
Status Date:	
Satisfied - Item:	Actuarial Certification (A&H)
Comments:	Included in Actuarial Memorandum.
Attachment(s):	
Item Status:	
Status Date:	
O. C. C. L. H.	A
Satisfied - Item:	Actuarial Memorandum and Explanatory Information (A&H)
Comments:	
Attachment(s):	Actuarial Memo GPR - PA.pdf Supplement to Actuarial Memorandum GPR - PA.pdf Exhibits and Attachments.xlsx
Item Status:	
Status Date:	
Bypassed - Item:	Advertisements (A&H)
Bypass Reason:	N/A to this filing. This is a rate filing.
Attachment(s):	
Item Status:	
Status Date:	
Bypassed - Item:	Authorization to File (A&H)
Bypass Reason:	N/A Allianz is filing on its own behalf.
Attachment(s):	
Item Status:	
Status Date:	
Bypassed - Item:	Insert Page Explanation (A&H)
Bypass Reason:	N/A to this filing.
Attachment(s):	

ERFF Tracking #:	ALLB-132903805	State Tracking #:	ALLB-13290380	5	Company Tracking #:	LTC RATE INCREASE 2021 - GPR
State:	Pennsylvania			Filing Company:	Allianz Life Insuran	ce Company of North America
Ol/Sub-TOI:	LTC03I Individu	ual Long Term Care/LTC03I	.001 Qualified			
Product Name:		ase 2021 - GPR				
Project Name/Number:	LTC Rate Incre	ease 2021 - GPR/LTC Rate	Increase 2021 - GPR			
tem Status:						
Status Date:						
Bypassed - Item:		Rate Table (A&H)				
Bypass Reason:		N/A to this filing.				
Attachment(s):						
tem Status:						
Status Date:						
Bypassed - Item:		Replacement Form wit	th Highlighted Ch	anges (A&H)		
Bypass Reason:		N/A to this filing.		, ,		
Attachment(s):						
tem Status:						
Status Date:						
Bypassed - Item:		Advertisement Compli	ance Certification	l		
Bypass Reason:		N/A to this filing.				
Attachment(s):						
tem Status:						
Status Date:						
Bypassed - Item:		Reserve Calculation (A	√&H)			
Bypass Reason:		N/A to this filing.	,			
Attachment(s):		<b>U</b>				
tem Status:						
Status Date:						
Bypassed - Item:	1	Variability Explanation	(A&H)			
Bypass Reason:		N/A to this filing.	,			
Attachment(s):		<u> </u>				
tem Status:						
Status Date:						
Satisfied - Item:		Policyholder Notification	on Letter			
Comments:		.,				
Attachment(s):		Generic Policyholder N	Notification - Sing	le Stage 4.29.21 FIN	VAL.pdf	
tem Status:		Control on Charles	oadon omg	3.09020.2		
Status Date:						

SERFF Tracking #: ALLB-132903805 State Tracking #: ALLB-132903805 Company Tracking #: LTC RATE INCREASE 2021 - GPR Pennsylvania Filing Company: Allianz Life Insurance Company of North America State: TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified LTC Rate Increase 2021 - GPR Product Name: Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR Satisfied - Item: Response to 7/26/2021 Objection Comments: Response to Objection Received on July 26 2021.pdf Attachments 1 and 2 - GPR - PA.xlsx Attachment(s): **Item Status: Status Date:** Response to Objection Received on October 13, 2021 Satisfied - Item: Comments: Attachment(s): Response to Objection Received on October 13 2021.pdf

Item Status: Status Date:

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

Attachment Exhibits and Attachments.xlsx is not a PDF document and cannot be reproduced here.

Attachment Attachments 1 and 2 - GPR - PA.xlsx is not a PDF document and cannot be reproduced here.

# Allianz Life Insurance Company of North America

# Home Office: 5701 Golden Hills Drive Minneapolis, MN 55416-1297

# Actuarial Memorandum Supporting 40% Aggregate Premium Rate Increase On Individual Long-Term Care Insurance Policy Forms

# 1. TYPE OF CHANGE

Allianz Life Insurance Company of North America (the Company) proposes the following rate revisions on the below long-term care (LTC) policy form. The company issued this policy form in Pennsylvania between 2003 and 2007.

Product Name Form series (including associated riders)

Generation Protector (GPR) 10-P-Q-PA, 10-P-Q-PA(F)

The premium rate increase request varies by benefit period. The table below provides the requested rate increase:

Policy Form		<b>Benefit Period</b>	
Series	2-4 Years	5-8 Years	Lifetime
GPR	20%	45%	65%

# 2. PURPOSE OF FILING

This memorandum has been prepared to provide actuarial information supporting a rate revision to premiums for the form series above. The rate revision meets the minimum requirements in the statues of Pennsylvania.

The Company is requesting a premium rate increase on the above-listed form, including all associated riders. This form is in need of a premium rate increase due to past and projected future experience that continues to be more adverse than previously expected and originally priced for.

#### 3. LIMITATIONS AND EXCLUSIONS

This actuarial memorandum is intended to support the premium rate increases on the policy form described above and it is not appropriate to use for any other purposes.

#### 4. HISTORY OF RATE REVISION

The table below provides the rate increase history in Pennsylvania for the policy form series in this filing.

	I	Policy Form Series: G	PR
<b>Rate Increase</b>		Rate Increase	SERFF Tracking
Round	<b>Date of Approval</b>	Amount	Number (if available)
First Rate Increase	2/12/2013	20.0%	ALLB-128730833
Second Rate Increase	3/30/2016	31.5%	ALLB-130164399

Exhibit 1 provides the rate increase history nationwide for the policy form series in this filing.

# 5. SCOPE AND APPLICABILITY

This filing applies to active premium paying policies issued in this state for the policy form listed above. This policy form is no longer being marketed. This policy form includes premium payment options and traditional level-pay-for-life. All premium paying policies are included in this filing and in the attached distribution of business Exhibits. Exhibit 1 provides a distribution of in-force policies and total annual premiums by issue state.

These rates when approved will be applied to policies delivered or issued for delivery in the state of Pennsylvania, regardless of place of current residence.

# 6. DESCRIPTION OF BENEFITS

These plans are Guaranteed Renewable, Tax-Qualified, Individual Long Term Care Insurance plans. Plans cover facility care and home and community care where applicable. Premiums vary by issue age and are projected to be level for the duration of the policy, unless modified by the riders elected by the policyholder. Rider charges are factor based and are a multiplier of the base premium.

# Several coverage options are available:

- Various Maximum Benefit Periods
- Various Daily Benefit Amounts
- Various Elimination Periods
- ❖ Facility Care Plan with various Home and Community Care Benefit levels
- Separate rates for different underwriting classes
- Separate rates for joint and single lives

#### 7. POLICYHOLDER OPTIONS

Assuming that the proposed rate increase becomes effective, policyholders will have the following options upon notification of the rate increase:

# Policyholder Options to Reduce Benefits:

Policyholders with benefits above the minimum coverage level have the option to modify their policy benefits to mitigate the impact of the proposed rate increase. As examples, the options include, but are not limited to the following:

- 1. Reduce their benefit period,
- 2. Lower their daily benefit,
- 3. Increase their elimination period,

# 4. Reduce or cancel cost of living accumulation (COLA) riders.

To further minimize the impact to policyholders: As a part of this rate increase, for a limited time policyholders who reduce or cancel their COLA benefit riders will maintain all of their past COLA benefit increase percentages. Future premiums and benefit increases will be based on the new coverage levels elected by the policyholder. If the policyholder reduces their daily benefit, then the past increase in daily benefit from COLA rider will be reduced by the same proportion.

# Non-forfeiture Offers:

In addition, the Company will give the policyholder the option to accept a non-forfeiture benefit if they receive a premium increase at no charge. Acceptance of the non-forfeiture benefit will provide the policyholder with a reduced paid-up policy, with no future premiums required after the effective date of the policyholder's rate increase. Policyholders who elect this option will pay no additional premiums after the effective date of the rate increase, and their benefit pool will be their total premiums paid. In consideration of our policyholders, our company does not subtract past claims from the benefit pool prior to the election of this rider.

#### 8. ISSUE YEAR

This form was sold from 2003 to 2007 in Pennsylvania, and marketed nationally from 2003 through 2009. This form is no longer being issued in any state as Allianz stopped issuing all individual standalone long-term care insurance in 2010.

# 9. UNDERWRITING DESCRIPTION

All policies subject to this rate revision were subject to full underwriting in accordance with Company standards in place at the time of issue. Those underwriting standards were taken into consideration when projecting future experience.

#### 10. MARKETING METHOD

Sales were conducted by individual agents, who sold primarily on an individual policy basis. The Company no longer sells long-term care insurance policies.

#### 11. AREA FACTORS

The Company did not use area factors within the state.

#### 12. AVERAGE ANNUAL PREMIUM PER INSURED

This section compares the average premiums of the Pennsylvania policy form and nationwide policy form. The following table provides the average annual premium based on December 31, 2020 in-force policies for the policy form included in this filing, both without and with the requested increase.

Pennsylvania Generation Protector Policy Form:

Current Average Annual Premium:	\$2,537	(1,431 Premium Paying Policies)
Proposed (40% increase):	\$3,553	

# National Generation Protector Policy Form:

2020 Annual Premium:	\$2,401	(28,800 Premium Paying Policies)
----------------------	---------	----------------------------------

# 13. PREMIUM MODALIZATION RULES

The modal premium factors will remain unchanged from the current factors.

#### 14. CLAIM RESERVE

At each valuation date, a claim reserve is computed for each active and pending claim case. For active claims, the claim reserve is calculated as the present value of future benefits from the valuation date to the end of the benefit period. Benefit amounts are discounted for interest and claim continuance. Claim reserves have been discounted and allocated to the appropriate incurred year.

#### 15. BEST ESTIMATE ACTUARIAL ASSUMPTIONS

#### a. Morbidity:

Attained age claim costs and Waiver of Premium benefits used in projecting future experience for this form have been developed utilizing Company-specific policy experience enhanced with other industry data as needed. Claim costs vary by joint policy status (joint vs. single), gender and various levels of home health care with adjustments for elimination periods, benefit periods, and riders.

Claim costs are developed from first principle using company-specific historical claim experience. Allianz incidence rates are typically credible up to age 89. Allianz data was then graded towards industry data for ages 89 and above, ultimately equating with industry experience by age 100. Continuance and utilization rates from Allianz claim data were blended with industry data when experience lacked credibility (fewer than 1,000 beginning of month claim exposures). Allianz experience was generally in line with industry data.

Future claim costs are projected on a seriatim basis for each policyholder. These claim costs are adjusted according to each policy's benefit designs, such as COLA option, elimination periods and benefit periods.

Underwriting, claim management and product design were taken into consideration when setting the assumptions. Allianz historical experience includes the positive impact of underwriting selection. No scalar increases to the claim cost assumption are made within these projections to reflect future wear off from underwriting selection.

# b. Mortality:

The projected future experience uses the gender-distinct 2012 Individual Annuitant Mortality (2012 IAM). This assumption is developed based on feedback from our consultants and is consistent with industry practice. The mortality assumption balances our morbidity assumption as neither is projected to have future improvements.

#### c. Persistency:

The Company's own experience was used in the development of the lapse assumption. The experience is determined to be credible through policy duration 11. The voluntary lapse assumption is split by duration, marital status and COLA option as follows:

	Indiv	idual	Married					
Duration	Non-COLA	COLA	Non-COLA	COLA				
1	9.50%	7.00%	7.70%	3.50%				
2	6.80%	4.50%	5.80%	2.50%				
3	4.00%	2.20%	3.80%	1.50%				
4	3.00%	1.50%	2.80%	1.25%				
5	2.30%	1.30%	1.00%	0.50%				
6	1.60%	0.90%	1.00%	0.50%				
7+	1.40%	0.75%	1.00%	0.40%				

Additional lapses caused by exhaustion of benefits are also modeled using claim incidence, continuance, and utilization rates.

Based on company experience, a 1% increase to lapse rate is assumed immediately after the implementation of the rate increase to account for the election of reduced paid up benefit.

# d. Expected Benefit Reduction:

Based on company experience from previous rate increases, the cash flow projection for the proposed rate increase includes an expectation of policyholders lowering their lifetime maximum benefit.

Lifetime benefit period policies are projected to reduce to a 5 year benefit period 12% of the time and to a 3 year benefit period 4% of the time. Policyholders with a non-lifetime benefit period equal to or greater than 5 years are projected to reduce to a 3 year benefit period 6% of the time.

# e. Interest and Investment Income:

The interest rate of 4.5% used in the original product filing is also used in these exhibits to calculate the loss ratio. Changes in interest rates and investment income are not used to justify the rate increase.

# f. Expenses:

Changes in expense are not used to justify the rate increase and are not included in this analysis. It is assumed that original expense assumptions are still appropriate.

Exhibit 2 provides additional information and justification for the assumptions used in this filing.

# 16. DEMONSTRATION OF SATISFACTION OF REQUIREMENTS

The projections included in this filing are produced by applying "best estimate" actuarial assumptions that reasonably reflect actual experience. All policies other than traditional-level-pay-for-life are excluded from the historical and projected experience used to calculate loss ratios. The anticipated lifetime loss ratio for policies based on Pennsylvania specific rate history and these assumptions before the requested rate increase

is 109.2% nationwide and 108.2% in Pennsylvania based on pooled experience (Exhibit 3 & 4). The lifetime loss ratio after the requested rate increase is 96.3% nationwide and 96.3% in Pennsylvania based on pooled experience (Exhibits 5 & 6).

The requested rate increase is not calculated to achieve a targeted loss ratio or to maintain rate stability since that would require a significantly larger rate increase. The request is meant to find a balance between the poor performance of the business and the impact of rate increases on our policyholders.

A detailed demonstration of the 58/85 calculations justifying the rate increase can be found in Exhibit 7. The justifiable rate increases under moderately adverse conditions are over 145% on a nationwide basis based on pooled experience. Moderately adverse conditions for the 58/85 calculation are defined as a 10% increase in future claim cost over the current best estimate. Even though some of the policies in this filing may be subject to pre-rate stability minimum loss ratio requirements, we are showing justification of the rate increase by holding all policies to the more stringent 58/85 calculation.

# 17. ANALYSIS PERFORMED TO CONSIDER A RATE INCREASE

The initial premium schedules were based on pricing assumptions that reflected the Company's best estimate utilizing the available information at the time. Recent experience studies performed show that experience is more unfavorable than previously assumed which resulted in assumptions being updated and has led to the Company requesting a rate increase on this product. This level is in line with our request nationwide on this policy form. The Pennsylvania specific experience lacks credibility and was not considered on its own in determining the requested rate level compared to our nationwide requests. The original pricing assumptions compared to our current assumptions are included in Exhibit 8.

# 18. LOSS RATIOS

The lifetime loss ratios for the policy form series split by benefit period are provided in the table below both without and with the requested rate increase. To reflect Pennsylvania specific rate history, nationwide loss ratios are restated to reflect rate increases implemented in Pennsylvania. For actuarial modeling purposes the requested rate increase is assumed to be effective December, 2021.

Benefit	Before	After								
Period	Increase	Increase								
Pennsylvania										
2-4 Years	92.2%	87.9%								
5-8 Years	116.6%	102.4%								
Lifetime	122.5%	100.2%								
All	108.2%	96.3%								
ľ	Nationwide									
2-4 Years	86.8%	82.9%								
5-8 Years	114.9%	101.1%								
Lifetime	126.5%	103.8%								
All	109.2%	96.3%								

# 19. DISTRIBUTION OF BUSINESS

The historical experience reflects the actual distribution of policies during the experience period. We used the current distribution of business as of December 31, 2020 to project future experience.

			Natio	nwide			
	5% Compound	4% Compound	3% Compound	5% Simple	Two Times	No	Grand
Benefit period	COLA	COLA	COLA	COLA	COLA	COLA	Total
2-Year	0.4%	0.1%	0.3%	0.3%	0.3%	1.0%	2.3%
3-Year	4.7%	0.9%	2.8%	2.6%	1.6%	5.2%	17.8%
4-Year	5.4%	1.2%	2.4%	2.2%	1.1%	3.0%	15.3%
5-Year	10.2%	2.1%	4.2%	3.4%	1.9%	5.8%	27.6%
8-Year	4.8%	1.0%	1.8%	1.3%	0.9%	2.1%	11.9%
Lifetime	11.0%	1.4%	3.4%	3.5%	1.3%	4.5%	25.1%
Grand Total	36.6%	6.7%	14.8%	13.4%	7.0%	21.4%	100.0%

				Penns	ylvania				
Benefit period	5% Compound COLA	4% Compound COLA	3% Compound COLA	5% Simple COLA	Two Times COLA	No COLA	Grand Total	Proposed Rate Increase	Policyholders Impacted
2-Year	0.4%	0.1%	0.6%	0.6%	0.1%	1.3%	3.1%	20%	44
3-Year	5.0%	1.0%	4.4%	3.9%	1.4%	7.3%	23.1%	20%	331
4-Year	5.5%	1.3%	2.8%	3.4%	1.0%	4.3%	18.3%	20%	262
5-Year	8.6%	1.6%	4.3%	3.4%	1.8%	4.7%	24.4%	45%	349
8-Year	4.1%	0.7%	2.0%	1.8%	0.3%	2.0%	10.8%	45%	155
Lifetime	7.4%	0.8%	4.0%	3.3%	0.6%	4.2%	20.3%	65%	290
<b>Grand Total</b>	31.0%	5.6%	18.0%	16.4%	5.2%	23.8%	100.0%	40%	1,431

# 20. ACTUARIAL CERTIFICATION

I am a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the Academy's qualifications standards for preparing health rate filings.

Claims, reserves, and policyholder data are provided by our third party administrator and our valuation actuaries. Data was reviewed for reasonableness.

I hereby certify that, to the best of my knowledge and belief:

- a. It complies with Actuarial Standards of Practice No. 8 "Regulatory Filings for Rates and Financial Projections for Health Plans";
- b. The premiums charged after the proposed rate increase is not unfairly discriminatory and the premiums after the proposed rate increase are not excessive. The proposed premium rate increase is not sufficient to prevent future rate actions by the company and benefits currently are not reasonable in relation to the premiums charged.
- c. Assumptions within this filing are based on best estimate without provision for adverse deviation while interest rates used are based on original product filing.

ALLIANZ LIFE INSURANCE COMPANY OF NORTH AMERICA

By:

Name: Noelle Destrampe, FSA MAAA

Actuary

Its: Authorized Designee

June 21, 2021

# Exhibit 1 Allianz Life Insurance Company of North America Status of Filing as of 4/12/2021 Policy Form Series : 10-P-Q, et al.

	First Rate Increase			Second Rate Increase				Second Rate Increase (Follow-up)				Third Rate Increase				Cumulative As of December 3		mber 31, 2020	
	Amount	Date	Date	Amount	Amount	Date	Date	Amount	Amount	Date	Date	Amount	Amount	Date	Date	Amount	Approved	Policy	Annualized
State	Requested	Filed	Approved	Approved	Requested	Filed	Approved	Approved	Requested	Filed	Approved	Approved	Requested	Filed	Approved	Approved	Increase	Count	Premium
Alabama	25.0%	10/29/2012	12/6/2012	20.0%	39.0%	10/16/2015	5/11/2016	18.3%					47.8%	TBD			42.0%	449	\$ 955,644
Alaska	25.0%	10/25/2012	11/16/2012	25.0%	39.0%	10/21/2015	10/21/2015	39.0%									73.8%	56	\$ 183,301
Arizona	75.0%	2/1/2013	3/27/2013	75.0%	Not Filing												75.0%	596	\$ 1,605,765
Arkansas	30.0%	10/16/2015	12/17/2015	25.0%					9.0%	2/7/2019	3/20/2019	9.3%					36.6%	270	\$ 513,097
Colorado	25.0%	5/17/2013	8/1/2013	25.0%	39.0%	12/27/2017	6/2/2017	10.4%					64.6%	TBD			38.0%	975	\$ 2,272,234
Connecticut	25.0%	5/20/2014	Disapproved	0.0%	39.0%	5/5/2016	9/22/2016	15.0%	29.0%	2/7/2019	4/3/2019	12.0%					28.8%	204	\$ 649,734
Delaware	20.0%	10/29/2012	3/15/2013	15.0%	39.0%	12/27/2018	4/1/2019	39.0%									59.9%	95	\$ 157,769
Dist. of Columbia					39.0%	1/7/2019	9/21/2019	8.5%									8.5%	48	\$ 96,679
Florida	25.0%	6/3/2013	11/26/2013	7.3%	56.4%	12/31/2019	9/24/2020	93.6%									107.7%	1,136	\$ 2,391,208
Georgia	25.0%	10/31/2012	2/8/2013	15.0%	39.0%	10/16/2015	3/15/2016	12.0%	27.0%	2/7/2019	5/21/2019	10.2%					41.9%	1,188	\$ 2,806,443
Hawaii	25.0%	10/31/2012	7/19/2013	9.5%	39.0%	10/16/2015	11/15/2018	38.8%									52.0%	387	\$ 971,519
Idaho	25.0%	11/2/2012	2/21/2013	10.0%	39.0%	10/16/2015	12/24/2015	39.0%									52.9%	166	\$ 377,997
Illinois	100.0%	11/6/2012	12/8/2014	100.0%	Not Filing												100.0%	1,219	\$ 2,848,527
Indiana	39.0%	5/22/2019	Disapproved	0.0%	87.0%	6/26/2020	9/3/2020	9.6%									9.6%	280	\$ 516,031
Iowa	25.0%	11/8/2012	9/10/2013	15.0%	39.0%	10/16/2015	4/7/2016	17.9%	21.0%	2/7/2019	3/18/2019	11.2%					50.8%	761	\$ 1,647,967
Kansas	25.0%	10/29/2012	3/29/2013	10.0%	61.5%	10/16/2015	7/26/2016	61.5%									77.7%	579	\$ 1,199,210
Kentucky	25.0%	11/7/2012	2/4/2013	18.3%	39.0%	10/16/2015	1/18/2016	35.9%									60.7%	322	\$ 717,914
Louisiana					39.0%	12/27/2018	9/23/2019	39.0%									39.0%	293	\$ 448,071
Maine - LR*	25.0%	12/19/2012	4/3/2013	23.5%	39.0%	1/12/2016	8/18/2016	36.1%									68.1%	125	\$ 339,595
Maine - RS*	25.0%	11/16/2012	1/18/2013	25.0%	39.0%	1/12/2016	8/18/2016	45.5%									81.9%	159	\$ 458,387
Maryland	15.0%	10/29/2012	11/13/2012	15.0%	39.0%	10/16/2015	5/19/2016	15.0%	12.0%	2/7/2019	7/2/2019	12.6%	43.7%	TBD			48.9%	664	\$ 1,785,236
Massachusetts	30.0%	5/5/2016	9/6/2017	15.0%	60.2%	TBD											15.0%	871	\$ 2,234,712
Michigan	25.0%	10/25/2012	11/26/2012	25.0%	39.0%	10/16/2015	11/6/2015	39.0%									73.8%	548	\$ 1,334,137
Minnesota	30.0%	2/11/2015	1/22/2016	30.0%	60.1%	TBD											30.0%	1,388	\$ 2,668,053
Mississippi	25.0%	11/8/2012	3/11/2013	25.0%	39.0%	10/16/2015	12/16/2015	25.0%	6.0%	2/7/2019	10/22/2019	6.0%					65.6%	128	\$ 275,122
Missouri - LR*	25.0%	6/4/2013	7/16/2013	25.0%	39.0%	11/16/2015	1/29/2016	39.0%									73.8%	298	\$ 661,906
Missouri - RS*	25.0%	5/17/2013	9/3/2013	25.0%	39.0%	10/16/2015	1/29/2016	39.0%									73.8%		\$ 1,043,311
Montana	25.0%	10/25/2012	12/3/2012	10.0%	39.0%	10/16/2015	6/8/2017	14.3%	23.0%	2/7/2019	5/21/2019	23.2%					54.9%		\$ 336,826
Nebraska	25.0%	10/31/2012	6/19/2013	10.0%	39.0%	10/16/2015	12/10/2015	39.0%									52.9%	487	\$ 1,104,173
Nevada	30.0%	10/16/2015	2/8/2016	30.0%	56.6%	TBD											30.0%		\$ 168,334
New Hampshire	25.0%	12/7/2012	2/12/2013	25.0%	39.0%	10/16/2015	2/16/2016	39.0%									73.8%		\$ 332,459
New Jersey	25.0%	3/20/2013	3/13/2014	15.0%	39.0%	10/16/2015	10/27/2016	23.1%									41.6%		\$ 1,942,853
New Mexico	25.0%	11/8/2012	Disapproved	0.0%	39.0%	12/27/2018	1/28/2019	15.0%									15.0%	230	\$ 447,294
North Carolina	25.0%	11/21/2012	6/18/2013	25.0%	39.0%	10/16/2015	5/10/2016	30.0%					44.0%	TBD			62.5%	1,484	\$ 3,616,522
North Dakota	25.0%	10/31/2012	1/9/2013	15.0%	39.0%	10/16/2015	12/14/2015	15.0%	17.0%	2/7/2019	3/11/2019	10.0%					45.5%	96	\$ 191,550
Ohio	25.0%	11/7/2012	4/23/2013	25.0%	39.0%	10/16/2015	5/20/2016	15.0%	25.0%	2/7/2019	7/24/2019	11.0%					59.6%	867	\$ 2,042,666
Oklahoma	25.0%	11/8/2012	1/3/2013	25.0%	39.0%	10/16/2015	2/22/2016	10.0%	25.0%	2/7/2019	3/14/2019	12.3%					54.4%		\$ 663,331
Oregon	25.0%	11/7/2012	3/26/2014	25.0%	39.0%	10/16/2015	1/28/2016	39.0%									73.8%	463	\$ 1,173,887
Pennsylvania	25.0%	11/16/2012	2/12/2013	20.0%	39.0%	10/16/2015	3/30/2016	31.5%					40.1%	TBD			57.8%		\$ 3,629,838
Rhode Island					39.0%	12/27/2018	1/21/2020	39.0%									39.0%	77	\$ 153,833
South Carolina	25.0%	11/5/2012	2/22/2013	20.0%	39.0%	10/16/2015	2/8/2016	20.0%	16.0%	2/7/2019	11/21/2019	9.8%					58.1%	385	\$ 847,836
South Dakota	25.0%	11/7/2012	12/26/2012	25.0%	39.0%	10/16/2015	11/13/2015	39.0%									73.8%	224	\$ 557,559
Tennessee	25.0%	11/7/2012	3/20/2013	25.0%	39.0%	10/16/2015	4/5/2016	39.0%					41.5%	TBD			73.8%	614	\$ 1,326,009
Texas	75.0%	5/6/2013	9/23/2013	75.0%	Not Filing											l	75.0%	2,821	\$ 7,459,682
Utah	30.0%	10/19/2015	12/15/2015	30.0%	Not Filing						1					l	30.0%		\$ 309,744
Vermont					39.0%	12/27/2018					1					l	0.0%	134	\$ 260,463
Virginia	56.3%	11/8/2012	6/8/2016	56.3%	Not Filing						1					l	56.3%	1,678	\$ 4,483,588
Washington	25.0%	11/8/2012	4/12/2013	25.0%	39.0%	10/19/2015	6/16/2016	25.8%			1					l	57.3%		\$ 5,509,260
West Virginia	25.0%	11/16/2012	1/30/2013	25.0%	39.0%	10/16/2015	2/26/2016	39.0%								l	73.8%	62	\$ 138,516
Wisconsin	25.0%	11/7/2012	2/6/2013	25.0%	39.0%	12/17/2015	9/19/2016	39.0%			1					l	73.8%	478	\$ 1,111,362
Wyoming	25.0%	10/23/2012	2/4/2013	25.0%	39.0%	10/16/2015	2/9/2016	39.0%									73.8%	64	\$ 181,287
* LR = policies issue	ed prior to the eff	ective date of i	rate stability in	that state.												Total	59.4%	28,800	\$ 69,148,438

 $RS = policies \ is sued \ on \ or \ after \ the \ effective \ date \ of \ rate \ stability \ in \ that \ state.$ 

### Exhibit 3 Allianz Life Insurance Company of North America Nationwide Experience Policy Form Series: GPR As of 12/31/2020 No Requested Rate Increase

Year	Earned Premium	Incurred Claims	Loss Ratio
2003	\$812,042	\$0	0.0%
2004	\$15,433,770	\$447,442	2.9%
2005	\$36,473,946	\$1,117,653	3.1%
2006	\$56,837,919	\$6,042,811	10.6%
2007 2008	\$65,093,403 \$65,442,096	\$4,568,674 \$6,871,620	7.0% 10.5%
2009	\$63,841,555	\$7,677,965	12.0%
2010	\$62,117,671	\$7,984,727	12.9%
2011	\$60,662,143	\$8,498,542	14.0%
2012	\$59,540,290	\$13,080,434	22.0%
2013	\$58,458,343	\$13,369,900	22.9%
2014 2015	\$62,496,600 \$65,178,393	\$20,314,085 \$23,907,519	32.5% 36.7%
2016	\$63,582,590	\$30,565,863	48.1%
2017	\$66,336,873	\$32,337,275	48.7%
2018	\$72,566,299	\$37,662,903	51.9%
2019	\$74,150,394	\$41,919,308	56.5%
2020	\$72,155,327	\$54,266,491	75.2%
2021 2022	\$68,818,651 \$66,859,968	\$43,412,914 \$50,428,212	63.1% 75.4%
2023	\$64,263,732	\$56,589,765	88.1%
2024	\$61,596,397	\$63,840,688	103.6%
2025	\$58,870,185	\$71,860,796	122.1%
2026	\$56,086,059	\$80,772,348	144.0%
2027	\$53,252,557	\$90,244,210	169.5%
2028	\$50,372,553	\$100,372,935	199.3%
2029 2030	\$47,463,741 \$44,533,318	\$110,348,771 \$120,164,573	232.5% 269.8%
2031	\$41,597,686	\$129,269,857	310.8%
2032	\$38,667,050	\$137,951,743	356.8%
2033	\$35,765,897	\$145,363,173	406.4%
2034	\$32,906,585	\$151,889,052	461.6%
2035	\$30,109,802	\$157,056,037	521.6%
2036	\$27,388,868	\$161,258,176	588.8%
2037	\$24,769,093 \$22,262,384	\$163,573,082	660.4%
2038 2039	\$19,885,790	\$164,464,797 \$163,508,532	738.8% 822.2%
2040	\$17,647,195	\$161,216,229	913.6%
2041	\$15,562,104	\$156,883,022	1008.1%
2042	\$13,633,445	\$151,400,750	1110.5%
2043	\$11,867,229	\$144,681,445	1219.2%
2044	\$10,261,220	\$137,382,218	1338.8%
2045 2046	\$8,817,333 \$7,527,263	\$128,807,882 \$119,727,576	1460.8% 1590.6%
2047	\$6,385,134	\$110,240,852	1726.5%
2048	\$5,380,731	\$100,931,750	1875.8%
2049	\$4,507,731	\$91,416,485	2028.0%
2050	\$3,753,997	\$82,228,320	2190.4%
2051	\$3,109,057	\$73,357,911	2359.5%
2052	\$2,560,421	\$65,230,786 \$57,527,170	2547.7% 2741.3%
2053 2054	\$2,098,549 \$1,711,721	\$57,527,170 \$50,518,442	2951.3%
2055	\$1,390,052	\$44,044,325	3168.5%
2056	\$1,123,413	\$38,215,131	3401.7%
2057	\$904,055	\$32,814,630	3629.7%
2058	\$724,072	\$28,007,570	3868.1%
2059	\$577,284	\$23,748,408	4113.8%
2060 2061	\$457,950 \$361,680	\$20,076,821 \$16,813,906	4384.1% 4648.8%
2061	\$284,201	\$14,016,575	4931.9%
2063	\$222,200	\$11,611,523	5225.7%
2064	\$172,757		
2065	\$133,666	\$7,876,660	5892.8%
2066	\$102,835	\$6,395,997	6219.7%
2067	\$78,661 \$50,764	\$5,123,739 \$4,064,866	6513.7%
2068 2069	\$59,764 \$45,114	\$4,064,866 \$3,180,814	6801.6% 7050.6%
2070	\$33,801	\$2,466,482	7297.0%
2071	\$25,133	\$1,892,627	7530.4%
2072+	\$64,945	\$5,672,459	8734.2%
~	cr ·	. 4.50/	
Sum	mary of Experience Earned Premium		Loss Datic
Historical (YE2020)	\$1,464,466,395	\$385,487,225	Loss Ratio 26.3%
Projected Future (2021 +)	\$662,037,993	\$1,936,939,750	292.6%
Total Lifetime Anticipated	\$2,126,504,388	\$2,322,426,975	109.2%

# Exhibit 4 Allianz Life Insurance Company of North America Pennsylvania Experience Policy Form Series: GPR As of 12/31/2020 No Requested Rate Increase

140	Kequesieu Kate III	crease	
Year	Earned Premium	Incurred Claims	Loss Ratio
2003	\$15,195	\$0	0.0%
2004	\$728,218	\$0	0.0%
2005	\$1,773,260	\$0	0.0%
2006	\$2,761,979	\$320,923	11.6%
2007	\$3,349,108	\$0	0.0%
2008	\$3,274,401	\$436,223	13.3%
2009 2010	\$3,173,662 \$3,099,990	\$300,468 \$279,458	9.5% 9.0%
2010	\$3,052,027	\$95,425	3.1%
2012	\$2,991,567	\$823,833	27.5%
2013	\$2,933,273	\$194,022	6.6%
2014	\$3,150,925	\$232,517	7.4%
2015	\$3,315,203	\$852,684	25.7%
2016	\$3,218,133	\$1,226,758	38.1%
2017	\$3,336,163	\$1,598,326	47.9%
2018	\$3,648,116	\$2,813,898	77.1%
2019 2020	\$3,718,306 \$3,616,293	\$1,419,138 \$4,194,346	38.2% 116.0%
2020	\$3,440,025	\$2,240,089	65.1%
2022	\$3,337,748	\$2,599,690	77.9%
2023	\$3,202,722	\$2,914,882	91.0%
2024	\$3,064,572	\$3,290,218	107.4%
2025	\$2,923,856	\$3,707,963	126.8%
2026	\$2,780,593	\$4,173,642	150.1%
2027	\$2,635,130	\$4,673,478	177.4%
2028	\$2,487,572	\$5,212,565	209.5%
2029	\$2,338,728	\$5,755,009	246.1%
2030 2031	\$2,188,876 \$2,038,732	\$6,291,876 \$6,794,780	287.4% 333.3%
2032	\$1,888,791	\$7,273,386	385.1%
2033	\$1,740,254	\$7,681,167	441.4%
2034	\$1,593,749	\$8,037,542	504.3%
2035	\$1,450,295	\$8,307,817	572.8%
2036	\$1,310,620	\$1,310,620 \$8,508,128	
2037	\$1,176,082	\$8,588,409	730.3%
2038	\$1,047,450	\$8,573,313	818.5%
2039 2040	\$925,731 \$811,499	\$8,452,287 \$8,243,398	913.0% 1015.8%
2041	\$705,634	\$7,916,871	1122.0%
2042	\$608,415	\$7,523,454	1236.6%
2043	\$520,211	\$7,070,472	1359.2%
2044	\$440,920	\$6,590,404	1494.7%
2045	\$370,540	\$6,053,604	1633.7%
2046	\$308,588	\$5,493,065	1780.1%
2047	\$254,675	\$4,919,003	1931.5%
2048	\$208,229	\$4,366,097	2096.8%
2049 2050	\$168,809 \$135,691	\$3,821,656 \$3,310,239	2263.9% 2439.5%
2051	\$108,208	\$2,835,238	2620.2%
2052	\$85,606	\$2,409,650	2814.8%
2053	\$67,250	\$2,026,670	3013.6%
2054	\$52,461	\$1,694,080	3229.2%
2055	\$40,665	\$1,404,747	3454.5%
2056	\$31,309	\$1,157,964	3698.5%
2057	\$23,966 \$18,220	\$946,028 \$767,826	3947.3%
2058 2059	\$18,229 \$13,784	\$767,826 \$619,969	4212.2% 4497.8%
2060	\$10,362	\$500,071	4826.1%
2061	\$7,748	\$399,896	5161.0%
2062	\$5,762	\$318,179	5521.9%
2063	\$4,266	\$253,315	5938.1%
2064	\$3,141	\$201,801	6425.0%
2065	\$2,301	\$159,560	6933.5%
2066	\$1,676	\$125,199	7469.5%
2067	\$1,212	\$97,206	8020.9%
2068	\$867 \$613	\$75,280 \$57,622	8678.1%
2069 2070	\$613 \$427	\$57,622 \$43,265	9394.9% 10135.8%
2070	\$292	\$32,059	10133.6%
2072+	\$530	\$73,498	13878.2%
C	CT .	. 4 50/	

Summary of Experience at 4.5%

Formula Promium Incurred Claims Loss Ratio

	Earned Premium	Incurred Claims	Loss Ratio	
Historical (YE2020)	\$73,245,813	\$17,619,149	24.1%	
Projected Future (2021 +)	\$32,362,237	\$96,663,113	298.7%	
Total Lifetime Anticipated	\$105,608,050	\$114,282,262	108.2%	

### Exhibit 5 Allianz Life Insurance Company of North America Nationwide Experience Policy Form Series: GPR As of 12/31/2020 With Average 40% Rate Increase

Year

Earned Premium Incurred Claims Loss Ratio

2003	\$812,042	\$0	0.0%						
2004	\$15,433,770	\$447,442	2.9%						
2005	\$36,473,946	\$1,117,653	3.1%						
2006	\$56,837,919	\$6,042,811	10.6%						
2007	\$65,093,403	\$4,568,674	7.0%						
2008	\$65,442,096	\$6,871,620	10.5%						
2009	\$63,841,555	\$7,677,965	12.0%						
2010	\$62,117,671	\$7,984,727	12.9%						
2011	\$60,662,143	\$8,498,542	14.0%						
2012	\$59,540,290	\$13,080,434	22.0%						
2013	\$58,458,343	\$13,369,900	22.9%						
2014 2015	\$62,496,600 \$65,178,393	\$20,314,085 \$23,907,519	32.5% 36.7%						
2016	\$63,582,590	\$30,565,863	48.1%						
2017	\$66,336,873	\$32,337,275	48.7%						
2018	\$72,566,299	\$37,662,903	51.9%						
2019	\$74,150,394	\$41,919,308	56.5%						
2020	\$72,155,327	\$54,266,491	75.2%						
2021	\$68,891,956	\$43,412,914	63.0%						
2022	\$85,691,137	\$49,629,224	57.9%						
2023	\$88,705,365	\$55,289,748	62.3%						
2024	\$85,085,559	\$62,284,149	73.2%						
2025	\$81,381,257	\$70,020,498	86.0%						
2026	\$77,593,454	\$78,617,165	101.3%						
2027	\$73,733,492	\$87,753,234	119.0%						
2028	\$69,805,020	\$97,525,995	139.7%						
2029	\$65,831,872	\$107,152,596	162.8%						
2030	\$61,823,635 \$57,802,547	\$116,626,525 \$125,410,012	188.6% 217.0%						
2031 2032	\$57,802,547 \$53,782,437	\$125,410,012 \$133,779,198	248.7%						
2032	\$49,796,852	\$140,915,161	283.0%						
2034	\$45,862,828	\$147,195,175	320.9%						
2035	\$42,008,956	\$152,161,767	362.2%						
2036	\$38,253,793	\$156,195,154	408.3%						
2037	\$34,632,620	\$158,400,968	457.4%						
2038	\$31,162,371 \$159,229,553		511.0%						
2039	\$27,867,139 \$158,271,340		567.9%						
2040	\$24,758,371 \$156,022,954		630.2%						
2041	\$21,858,156 \$151,800,827		694.5%						
2042	\$19,171,177	19,171,177 \$146,466,608							
2043	\$16,706,550								
2044	\$14,461,966								
2045	\$12,440,919	\$124,527,256	1000.9%						
2046	\$10,632,500	\$115,720,229	1088.4%						
2047 2048	\$9,029,117 \$7,617,042	\$106,522,214 \$97,497,540	1179.8% 1280.0%						
2049	\$6,387,960	\$88,276,658	1381.9%						
2050	\$5,325,327	\$79,375,050	1490.5%						
2051	\$4,414,851	\$70,783,319	1603.3%						
2052	\$3,639,312	\$62,911,963	1728.7%						
2053	\$2,985,600	\$55,453,835	1857.4%						
2054	\$2,437,447	\$48,671,674	1996.8%						
2055	\$1,981,102	\$42,412,890	2140.9%						
2056	\$1,602,395	\$36,785,596	2295.7%						
2057	\$1,290,489	\$31,580,516	2447.2%						
2058	\$1,034,285	\$26,952,883	2605.9%						
2059	\$825,112	\$22,855,239	2770.0%						
2060	\$654,892	\$19,322,995	2950.6%						
2061	\$517,443	\$16,182,523	3127.4%						
2062	\$406,726	\$13,488,079 \$11,169,988	3316.3% 3511.9%						
2063 2064	\$318,060 \$247,312	\$9,236,995	3735.0%						
2065	\$191,355	\$7,568,251	3955.1%						
2066	\$147,207	\$6,142,095	4172.4%						
2067	\$112,583	\$4,918,954	4369.2%						
2068	\$85,512	\$3,903,432	4564.8%						
2069	\$64,525	\$3,057,209	4738.0%						
2070	\$48,319	\$2,373,657	4912.4%						
2071	\$35,907	\$1,824,037	5079.9%						
2072+	\$92,599	\$5,476,718	5914.4%						
Sum	Summary of Experience at 4.5%								
THE LANGEST STREET	Earned Premium	Incurred Claims	Loss Ratio						
Historical (YE2020)	\$1,464,466,395	\$385,487,225	26.3%						
Projected Future (2021 +)	\$886,497,754	\$1,879,322,729	212.0%						
Total Lifetime Anticipated	\$2,350,964,148	\$2,264,809,954	96.3%						

# Exhibit 6 Allianz Life Insurance Company of North America Pennsylvania Experience Policy Form Series: GPR As of 12/31/2020 With Average 40% Rate Increase

Year	Earned Premium	Incurred Claims	Loss Ratio		
2003	\$15,195	\$0	0.0%		
2004	\$728,218	\$0	0.0%		
2005	\$1,773,260	\$0	0.0%		
2006	\$2,761,979	\$320,923	11.6%		
2007	\$3,349,108	\$0	0.0%		
2008 2009	\$3,274,401	\$436,223	13.3% 9.5%		
2010	\$3,173,662 \$3,099,990	\$300,468 \$279,458	9.0%		
2011	\$3,052,027	\$95,425	3.1%		
2012	\$2,991,567	\$823,833	27.5%		
2013	\$2,933,273	\$194,022	6.6%		
2014	\$3,150,925	\$232,517	7.4%		
2015	\$3,315,203	\$852,684	25.7%		
2016	\$3,218,133 \$3,336,163	\$1,226,758	38.1%		
2017 2018	\$3,648,116	\$1,598,326 \$2,813,898	47.9% 77.1%		
2019	\$3,718,306	\$1,419,138	38.2%		
2020	\$3,616,293	\$4,194,346	116.0%		
2021	\$3,440,177	\$2,240,089	65.1%		
2022	\$4,250,370	\$2,561,612	60.3%		
2023	\$4,344,995	\$2,851,640	65.6%		
2024	\$4,161,521 \$3,074,205	\$3,214,486	77.2%		
2025 2026	\$3,974,295 \$3,783,313	\$3,618,291 \$4,068,403	91.0% 107.5%		
2027	\$3,589,015	\$4,551,472	126.8%		
2028	\$3,391,523	\$5,072,612	149.6%		
2029	\$3,191,904	\$5,597,029	175.4%		
2030	\$2,990,523	\$6,116,100	204.5%		
2031	\$2,788,343	\$6,602,225	236.8%		
2032	\$2,586,032	\$7,064,849	273.2%		
2033 2034	\$2,385,217 \$2,186,761	\$7,458,998 \$7,803,563	312.7% 356.9%		
2035	\$1,992,063	\$8,064,920	404.9%		
2036	\$1,802,136	\$8,258,661	458.3%		
2037	\$1,618,862	\$8,335,799	514.9%		
2038	\$1,443,332	\$8,320,650	576.5%		
2039	\$1,276,959	\$8,202,955	642.4%		
2040 2041	\$1,120,569 \$975,403	\$7,999,792 \$7,682,311	713.9% 787.6%		
2042	\$841,884	\$7,299,706	867.1%		
2043	\$720,562	\$6,858,920	951.9%		
2044	\$611,346	\$6,391,971	1045.6%		
2045	\$514,270	\$5,869,956	1141.4%		
2046	\$428,703	\$5,324,956	1242.1%		
2047	\$354,136	\$4,767,108	1346.1%		
2048 2049	\$289,804 \$235,126	\$4,229,908 \$3,701,350	1459.6% 1574.2%		
2050	\$189,129	\$3,205,104	1694.7%		
2051	\$150,906	\$2,744,131	1818.4%		
2052	\$119,433	\$2,331,362	1952.0%		
2053	\$93,845	\$1,960,029	2088.6%		
2054	\$73,207	\$1,637,451	2236.7%		
2055 2056	\$56,728 \$42,648	\$1,356,992	2392.1% 2561.5%		
2057	\$43,648 \$33,374	\$1,118,048 \$913,116	2736.0%		
2058	\$25,342	\$741,136	2924.5%		
2059	\$19,120	\$598,650	3131.1%		
2060	\$14,330	\$483,147	3371.6%		
2061	\$10,675	\$386,672	3622.3%		
2062	\$7,901	\$307,955	3897.7%		
2063 2064	\$5,817 \$4,256	\$245,387 \$195,674	4218.3% 4597.5%		
2065	\$3,097	\$154,887	5001.7%		
2066	\$2,239	\$121,671	5434.7%		
2067	\$1,607	\$94,585	5887.2%		
2068	\$1,142	\$73,354	6425.2%		
2069	\$802	\$56,226	7014.1%		
2070 2071	\$554 \$377	\$42,270	7626.8%		
2071 2072+	\$377 \$674	\$31,360 \$72,049	8325.2% 10693.8%		
20121	4017	Ψ. Ξ,0 τ >	200/3.0/0		

Summary of Experience at 4.5%

	Earned Premium	Incurred Claims	Loss Ratio	
Historical (YE2020)	\$73,245,813	\$17,619,149	24.1%	
Projected Future (2021 +)	\$42,675,570	\$94,004,464	220.3%	
Total Lifetime Anticipated	\$115,921,383	\$111,623,613	96.3%	

#### Exhibit 7

#### 58/85 Calculations

#### Allianz Life Insurance of North America Nationwide Experience

Policy Form Series: GPR

a)	The accumulated value of the initial earned premium is 58% of this value:	1,335 774
b)	The accumulated value of prior premium rate schedule increases is 85% of this value:	130 110
c)	The present value of future projected initial earned premiums is 58% of this value:	425 247
d)	The present value of future projected earned premium from prior premium rate schedule increases is PV of future projected EP from 40% increase: Combined: 85% of this value:	237 224 461 392
e)	The accumulated value of past incurred claims is The present value of future projected incurred claims* is sum of these 2 values:	385 2,067 2,453
f)	The sum of a,b,c and d is This amount is less than e)	1,523 2,453

<sup>\*</sup>Projected incurred claims contain a 10% margin for moderately adverse experience.

#### **Allianz Life Insurance Company of North America**

#### Home Office: 5701 Golden Hills Drive Minneapolis, MN 55416-1297

#### **Supplement to the Actuarial Memorandum**

<u>Product Name</u> <u>Form series (including associated riders)</u> Generation Protection (GPR) 10-P-Q-PA, 10-P-Q-PA(F)

#### 1. PURPOSE OF FILING

This supplement has been prepared for the purpose of demonstrating that the requested rate increase is in compliance with Title 40 Section 3801.303(c), Reg. 89.83 of the Insurance Regulations for the state of Pennsylvania, and to provide items generally requested by the Department. It may not be appropriate for other purposes.

#### 2. DEMONSTRATION OF COMPLIANCE WITH TITLE 40 SECTION 3801.303(c)

We believe that we comply with this subsection of the regulation by submitting these rates before they are being used.

#### 3. DEMONSTRATION OF COMPLIANCE WITH REG. 89.83

- 89.83 (a): This subsection requires no action.
- 89.83 (b): This subsection is not applicable as this filing is not for rates for a new policy form.
- 89.83 (c): Revision of Current Rates
- (1): For policies issued prior to September 16, 2002, the effective date of rate stability in Pennsylvania, the minimum loss ratio requirement is 60%, as specified in Reg. 89a.117.(b). For policies issued on or after September 16, 2002, the loss ratio requirements are specified in Reg. 89a.118.(c)(2), (i.e. the 58%/85% test). Demonstration of satisfaction of these requirements is discussed in Section 16 of the actuarial memorandum.

This rate increase filing complies with the set of requirements for policies issued on or after September 16, 2002.

- (2): Section 6 of the actuarial memorandum provides a description of benefits. Copies of the affected policy forms may be provided upon request.
- (2)(i): The primary reason why these forms are in need of a premium rate increase is due to past and projected future experience that continues to be more adverse than previously expected and originally priced for.

The company is requesting a premium rate increase that varies by benefit period, as shown in Section 1 of the actuarial memorandum. The request is meant to find a balance between the poor performance of the business and the impact of rate increases on our policyholders. Section 4 and Exhibit 1 of the actuarial memorandum provide the rate increase history in Pennsylvania for the policy form series in this filing.

The current rate schedules along with the proposed rate schedules are enclosed with this filing. Rate schedules for a policy form are split for policies issued prior to rate stability and policies issued after rate stability, if applicable (i.e. rate increase history differed). Please note that the actual rates implemented may vary slightly from those shown due to rounding algorithms.

Exhibits 3 and 5 of the actuarial memorandum provide nationwide earned premium and incurred claim actual and projected experience using best estimate assumptions, as described in Section 15 of the actuarial memorandum, before and after the requested rate increase, respectively.

Attachment 1 to this supplement provides nationwide earned premium and paid claim experience using best estimate assumptions, before the requested rate increase. Please note that historical written premium is not readily available. As a result, premiums in Attachment 1 are reflected on an earned basis rather than written. The interest rate used in Exhibit 3 and 5 and Attachment 1 to accumulate and discount values is 4.5%, as described in Section 15 of the actuarial memorandum.

Exhibits 4 and 6 of the actuarial memorandum and Attachment 2 to this supplement provide similar information to Exhibits 3 and 5 of the actuarial memorandum and Attachment 1 to this supplement, respectively, except provide Pennsylvania-specific experience.

(2)(ii)(A): Section 4 and Exhibit 1 of the actuarial memorandum provide the rate increase history in Pennsylvania for all policy form series in this filing.

(2)(ii)(B): Table 1 shows the commission scales for lifetime pay policies for the policy form series associated with this filing.

## Table 1 Policy Form Series GPR Commission Scales by Duration

Duration 1	<b>Duration 2-10</b>	<b>Duration 11+</b>
95.25%	12.5%	8%

The company adjusts renewal commission rates so that total commissions paid before and after any increase in premium are similar (i.e., commissions are not paid on the increased premium).

(2)(ii)(C)(I): Premiums earned since inception for nationwide experience can be found in Exhibits 3 and 5 of the actuarial memorandum, before and after the requested rate increase, respectively. Exhibits 4 and 6 of the actuarial memorandum provide similar information to Exhibits 3 and 5, respectively, but reflect Pennsylvania-specific experience.

Attachments 1 and 2 to this supplement provide reserve balances and the calculation basis for nationwide and Pennsylvania-specific experience, respectively.

(2)(ii)(C)(II): Attachments 1 and 2 to this supplement provide a breakdown of historical incurred claims and active life reserve balance, including a description of the calculation basis, for nationwide and Pennsylvania-specific experience, respectively.

Attachment 3 to this supplement provides nationwide historical experience on a durational basis. Included are policy year earned premiums, incurred claims, durational loss ratios, and cumulative loss ratios with interest. The earned premiums have been restated to reflect the rate level approved in Pennsylvania on a nationwide basis. Similar to Exhibits 3 through 6 and Attachments 1 and 2, the values used to calculate the cumulative loss ratios are accumulated and discounted at 4.5%.

Attachment 4 to this supplement provides similar information to Attachment 3, except for Pennsylvania-specific experience.

(2)(ii)(D): We believe that we have provided information sufficient to support the rate increase requested in this filing.

(2)(iii): The claim reserves as of December 31, 2020 shown in this filing is in agreement with the statutory reserves as of December 31, 2020 shown in the annual statement for the policy forms included in this filing.

89.83 (d): We believe the proposed rate tables provided with this filing comply with this subsection.

### 4. DEMONSTRATION OF COMPLIANCE WITH GENERALLY REQUESTED INFORMATION

EXPERIENCE RESTATED TO CURRENT PENNSYLVANIA RATE LEVEL FROM INCEPTION

Attachment 5 to this supplement provides historical and projected experience on a nationwide basis with premiums restated to assume that the current Pennsylvania rate level had been charged since inception.

#### PROSPECTIVE PRESENT VALUE ANALYSIS

The Prospective Present Value Method (PPV Method) allows for an increase based on the deterioration in the projected experience for the active premium paying policyholders, along with "catch-up" and "transitional" rate increase provisions. The catch-up provision is included if part or all of a past rate increase was denied or significantly delayed. The transition provision allows for rate increases where prior rate increase requests were voluntarily reduced from the amount justified.

Provided below is the PPV analysis for the justified rate increase due to deterioration, consistent with the description above. The catch-up and transition provisions of the PPV Method are not included in this analysis as the justified rate increase due to deterioration exceeds the average requested rate increase of 40%. If the Department plans to limit rate increase approvals in the future based on the PPV Method, the Company will consider the catch-up and transition provisions at the time.

Attachment 6 provides the Present Value of Future Benefits (PVFB) and Present Value of Future Premiums (PVFP) based on Pennsylvania-specific experience under both current assumptions and assumptions from the prior rate filing. All values are discounted using a 4.5% interest rate, which is both the currently assumed and original pricing interest rate assumption. Only active policyholders currently paying premium have been included.

Also included in Attachment 6 is the calculation for determining a justified rate increase from deterioration. The justified rate increase from deterioration is 131.4%, which is greater than the average 40% current request.

Please note that a projection model reflecting premium-paying policies using assumptions from the prior approved rate filing is unavailable. To estimate this projection, we used calendar year pricing projections from the prior filing for all policyholders. These all-policies projections were "trued up" to reflect the active, premium-paying inforce population in 2020 and projected using persistency and loss ratios from the prior filing.

#### 5. DESCRIPTION OF ATTACHMENTS AND ENCLOSURES

Attachment 1: Nationwide Earned Premium, Claims and Reserves Balance

Attachment 2: Pennsylvania Earned Premium, Claims and Reserves Balance

Attachment 3: Nationwide Historical Experience by Policy Year

Attachment 4: Pennsylvania Historical Experience by Policy Year

Attachment 5: Nationwide Experience Restated to the Pennsylvania Rate Level from Inception

Attachment 6: Justified Rate Increase from Deterioration Under PPV Analysis

Enclosure: Exhibits and Attachments in Excel

Attachment 1
Allianz Life Insurance Company of North America
Nationwide Experience
Policy Form Series : GPR
As of 12/31/2020

<u>Incurral</u> <u>Year</u>	<u>Earned</u> <u>Premium</u>	Incurred Claims	<u>Paid</u> <u>Claims</u>	<u>Disabled</u> <u>Life Reserve</u>	<u>IBNR</u> <u>Reserve</u>	Total <u>Claim Reserve</u>	Year-End Active Life Reserve	Incurred Loss Ratio
2003	\$812,042	\$0	\$0	\$0	\$0	\$0		0%
2004	\$15,433,770	\$447,442	\$447,442	\$0	\$0	\$0		3%
2005	\$36,473,946	\$1,117,653	\$1,117,653	\$0	\$0	\$0		3%
2006	\$56,837,919	\$6,042,811	\$4,591,727	\$1,451,084	\$0	\$1,451,084		11%
2007	\$65,093,403	\$4,568,674	\$4,294,504	\$274,170	\$0	\$274,170		7%
2008	\$65,442,096	\$6,871,620	\$6,688,054	\$183,566	\$0	\$183,566		11%
2009	\$63,841,555	\$7,677,965	\$7,056,621	\$621,344	\$0	\$621,344		12%
2010	\$62,117,671	\$7,984,727	\$7,854,019	\$130,708	\$0	\$130,708		13%
2011	\$60,662,143	\$8,498,542	\$8,331,287	\$167,255	\$0	\$167,255		14%
2012	\$59,540,290	\$13,080,434	\$12,356,991	\$723,442	\$0	\$723,442		22%
2013	\$58,458,343	\$13,369,900	\$12,665,401	\$704,498	\$0	\$704,498		23%
2014	\$62,496,600	\$20,314,085	\$17,464,588	\$2,827,499	\$21,998	\$2,849,497		33%
2015	\$65,178,393	\$23,907,519	\$19,998,152	\$3,909,366	\$0	\$3,909,366		37%
2016	\$63,582,590	\$30,565,863	\$23,461,666	\$7,104,198	\$0	\$7,104,198		48%
2017	\$66,336,873	\$32,337,275	\$19,492,655	\$12,838,016	\$6,604	\$12,844,620		49%
2018	\$72,566,299	\$37,662,903	\$18,218,618	\$19,440,096	\$4,189	\$19,444,285		52%
2019	\$74,150,394	\$41,919,308	\$10,953,318	\$30,965,990	\$0	\$30,965,990		57%
2020	\$72,155,327	\$54,266,491	\$2,317,601	\$42,668,475	\$9,280,414	\$51,948,889	\$880,118,970	75%

Attachment 2
Allianz Life Insurance Company of North America
Pennsylvania-specific Experience
Policy Form Series : GPR
As of 12/31/2020

<u>Incurral</u>	<u>Earned</u>	Incurred	<u>Paid</u>	<u>Disabled</u>	<u>IBNR</u>	Total	Year-End Active	Incurred
<u>Year</u>	<u>Premium</u>	<u>Claims</u>	<u>Claims</u>	<u>Life Reserve</u>	Reserve	Claim Reserve	<u>Life Reserve</u>	Loss Ratio
2003	\$15,195	\$0	\$0	\$0	\$0	\$0		0%
2004	\$728,218	\$0	\$0	\$0	\$0	\$0		0%
2005	\$1,773,260	\$0	\$0	\$0	\$0	\$0		0%
2006	\$2,761,979	\$320,923	\$320,923	\$0	\$0	\$0		12%
2007	\$3,349,108	\$0	\$0	\$0	\$0	\$0		0%
2008	\$3,274,401	\$436,223	\$334,354	\$101,869	\$0	\$101,869		13%
2009	\$3,173,662	\$300,468	\$300,468	\$0	\$0	\$0		9%
2010	\$3,099,990	\$279,458	\$279,458	\$0	\$0	\$0		9%
2011	\$3,052,027	\$95,425	\$95,425	\$0	\$0	\$0		3%
2012	\$2,991,567	\$823,833	\$823,833	\$0	\$0	\$0		28%
2013	\$2,933,273	\$194,022	\$194,022	\$0	\$0	\$0		7%
2014	\$3,150,925	\$232,517	\$216,670	\$15,848	\$0	\$15,848		7%
2015	\$3,315,203	\$852,684	\$812,239	\$40,445	\$0	\$40,445		26%
2016	\$3,218,133	\$1,226,758	\$959,392	\$267,366	\$0	\$267,366		38%
2017	\$3,336,163	\$1,598,326	\$918,828	\$679,497	\$0	\$679,497		48%
2018	\$3,648,116	\$2,813,898	\$1,482,646	\$1,331,252	\$0	\$1,331,252		77%
2019	\$3,718,306	\$1,419,138	\$227,806	\$1,191,333	\$0	\$1,191,333		38%
2020	\$3,616,293	\$4,194,346	\$100,053	\$3,362,072	\$732,220	\$4,094,292	\$44,318,608	116%

# Attachment 3 Allianz Life Insurance Company of North America Nationwide Historical Experience by Duration Policy Form Series : GPR

As of 12/31/2020

		Act		Cumulative	
		Earned	Incurred	Incurred	Loss Ratio with
	Duration	Premium	Claims	Loss Ratio	4.5% Interest
	1	\$72,718,627	\$1,758,483	2.4%	2.4%
	2	\$69,146,020	\$2,729,104	3.9%	3.1%
	3	\$66,813,806	\$7,011,182	10.5%	5.4%
	4	\$64,721,545	\$8,384,631	13.0%	7.1%
Historical	5 6	\$62,950,823 \$61,569,889	\$8,905,824 \$8,017,028	14.1% 13.0%	8.3% 8.9%
Experience	7	\$60,392,385	\$11,178,103	18.5%	10.0%
	8	\$59,886,466	\$12,405,528	20.7%	11.1%
	9	\$61,294,163	\$20,785,843	33.9%	13.1%
	10	\$63,294,286	\$18,027,160	28.5%	14.3%
	11	\$64,902,299	\$21,183,451	32.6%	15.6%
	12	\$66,695,279	\$34,044,778	51.0%	18.0%
	13	\$69,395,480	\$33,634,042	48.5%	19.9%
	14	\$69,510,739	\$41,218,021	59.3%	22.1%
	15	\$58,797,137	\$37,014,883	63.0%	23.9%
	16	\$35,023,050	\$27,027,986	77.2%	25.2%
	17	\$13,392,308	\$15,662,928	117.0%	26.0%
	18	\$675,355	\$1,644,235	243.5%	26.1%
-	Historical (YE2020)	\$1,021,179,656	\$310,633,211	30.4%	26.1%

# Attachment 4 Allianz Life Insurance Company of North America Pennsylvania Historical Experience by Duration Policy Form Series: GPR

As of 12/31/2020

		Act		Cumulative		
		Earned	Incurred	Incurred		Loss Ratio with
	Duration	Premium	Claims	Loss Ratio		4.5% Interest
	1	\$3,575,676	\$0	0.0%		0.0%
	2	\$3,405,926	\$0	0.0%		0.0%
	3	\$3,310,852	\$324,094	9.8%		3.0%
	4	\$3,216,551	\$434,708	13.5%		5.3%
	5	\$3,146,034	\$468,838	14.9%		7.0%
Historical	6	\$3,080,990	\$64,323	2.1%		6.3%
Experience	7	\$3,038,640	\$210,286	6.9%		6.4%
	8	\$3,003,654	\$397,515	13.2%		7.1%
	9	\$3,106,361	\$708,287	22.8%		8.5%
	10	\$3,192,678	\$755,670	23.7%		9.7%
	11	\$3,276,147	\$732,114	22.3%		10.6%
	12	\$3,382,030	\$1,322,954	39.1%		12.5%
	13	\$3,521,845	\$1,635,368	46.4%		14.7%
	14	\$3,637,745	\$2,817,096	77.4%		18.4%
	15	\$2,887,124	\$1,631,742	56.5%		20.0%
	16	\$1,711,019	\$2,124,803	124.2%		22.4%
	17	\$648,714	\$1,160,220	178.8%		23.8%
	18	\$13,834	\$0	0.0%		23.8%
	VV (VVTC000)	051 155 010	<b>01.1.5</b> 00.010	20.004	Г	22.004
	Historical (YE2020)	\$51,155,818	\$14,788,018	28.9%	L	23.8%

## Attachment 5 Attachment 5 Allianz Life Insurance Company of North America Nationwide Experience Policy Form Series : GPR As of 12/31/2020 Premiums Restated to Current Pennsylvania Rate Level from Inception

	<u>Year</u>	Earned Premium	Incurred Claims	Loss Ratio
	2003	\$1,079,858	\$0	0.0%
	2004	\$20,629,507	\$447,442	2.2%
	2005	\$49,673,191	\$1,117,653	2.3%
	2006	\$78,798,676	\$6,042,811	7.7%
	2007	\$91,423,905	\$4,568,674	5.0%
	2007	\$92,814,617	\$6,871,620	7.4%
	2009	\$91,419,664	\$7,677,965	8.4%
Historical	2010	\$89,725,437	\$7,984,727	8.9%
Experience	2010	\$88,269,909	\$8,498,542	9.6%
Experience	2011			15.0%
		\$87,148,057 \$86,057,868	\$13,080,434	
	2013		\$13,369,900	15.5%
	2014	\$83,992,198	\$20,314,085	24.2%
	2015	\$81,566,131	\$23,907,519	29.3%
	2016	\$79,927,897	\$30,565,863	38.2%
	2017	\$78,264,613	\$32,337,275	41.3%
	2018	\$76,207,993	\$37,662,903	49.4%
	2019	\$74,166,340	\$41,919,308	56.5%
	2020	\$72,155,327	\$54,266,491	75.2%
	2021	\$68,818,651	\$43,412,914	63.1%
	2022	\$66,859,968	\$50,428,212	75.4%
	2023	\$64,263,732	\$56,589,765	88.1%
	2024	\$61,596,397	\$63,840,688	103.6%
	2025	\$58,870,185	\$71,860,796	122.1%
	2026	\$56,086,059	\$80,772,348	144.0%
	2027	\$53,252,557	\$90,244,210	169.5%
	2028	\$50,372,553	\$100,372,935	199.3%
	2029	\$47,463,741	\$110,348,771	232.5%
	2030	\$44,533,318	\$120,164,573	269.8%
	2031	\$41,597,686	\$129,269,857	310.8%
	2032	\$38,667,050	\$137,951,743	356.8%
	2033	\$35,765,897	\$145,363,173	406.4%
	2034	\$32,906,585	\$151,889,052	461.6%
	2035	\$30,109,802	\$157,056,037	521.6%
	2036	\$27,388,868	\$161,258,176	588.8%
	2037	\$24,769,093	\$163,573,082	660.4%
Projected	2038	\$22,262,384	\$164,464,797	738.8%
Future	2039	\$19,885,790	\$163,508,532	822.2%
Experience	2040	\$17,647,195	\$161,216,229	913.6%
	2041	\$15,562,104	\$156,883,022	1008.1%
	2042	\$13,633,445	\$151,400,750	1110.5%
	2043	\$11,867,229	\$144,681,445	1219.2%
	2044	\$10,261,220	\$137,382,218	1338.8%
	2045	\$8,817,333	\$128,807,882	1460.8%
	2046	\$7,527,263	\$119,727,576	1590.6%
	2047	\$6,385,134	\$110,240,852	1726.5%
	2048	\$5,380,731	\$100,931,750	1875.8%
	2049	\$4,507,731	\$91,416,485	2028.0%
	2050	\$3,753,997	\$82,228,320	2190.4%
	2051	\$3,109,057	\$73,357,911	2359.5%
	2051	\$2,560,421	\$65,230,786	2547.7%
	2052	\$2,360,421	\$57,527,170	2741.3%
	2054	\$1,711,721	\$50,518,442	2951.3%
	2055	\$1,390,052	\$44,044,325	3168.5%
	2056	\$1,123,413	\$38,215,131	3401.7%
	2057	\$904,055	\$32,814,630	3629.7%
	2058	\$724,072	\$28,007,570	3868.1%
	2059	\$577,284	\$23,748,408	4113.8%
	2060+	\$2,042,708	\$108,799,711	5326.2%
	Historical (YE2020)	\$1,323,321,187	\$310,633,211	23.5%
Undiscounted	Projected Future (2021 +)	\$967,055,030	\$4,069,550,276	420.8%
		\$2,290,376,217	\$4,380,183,487	191.2%
	Total Lifetime Anticipated	Ψ2,270,370,217		
	Total Lifetime Anticipated	Ψ2,270,370,217		
Discounted at	Historical (YE2020)	\$1,936,093,449	\$385,487,225	19.9%
Discounted at 4.5% Interest	•			19.9% 292.6%

## Attachment 6 Prospective Present Value Method Analysis Nationwide Projection - Active Lives Policy Form Series : GPR

Cumulative Rate Level\* 57.8%

Pricing Loss Ratio 65.5%

6	65.5%
3	35.0%

Variable	Not Recouping
PV of Future IC (Prior Filing Assumptions)	1,400,018,823
PV of Future IC (Current Assumptions)	1,880,950,431
PV of Future EP (Prior Filing Assumptions)	386,781,849
PV of Future EP (Current Assumptions)	413,324,609

Change in PV of Future IC	480,931,608
Change in PV of Future EP	26,542,760
0.655 + 0.85C	115%
1 + C	158%
(0.655 + 0.85C) / (1 + C)	73%
.85 PV Future EP	351,325,918

Justified Rate Increase from Deterioration	131.4%

	Current As	sumptions	Prior Filing A	Assumptions
Calendar	Earned	Incurred	Earned	Incurred
Year	Premium	Claims	Premium	Claims
2021	43,164,422	36,468,601	43,344,040	33,451,405
2022	41,867,479	44,495,689	41,397,660	37,555,247
2023	40,235,865	51,520,988	39,407,563	41,947,598
2024	38,558,016	59,271,601	37,381,910	46,595,998
2025	36,841,272	67,588,618	35,325,663	51,442,788
2026	35,086,580	76,670,819	33,251,116	56,421,985
2027	33,299,733	86,264,777	31,179,207	61,456,654
2028	31,482,941	96,478,364	29,131,341	66,471,115
2029	29,647,772	106,547,237	27,123,097	71,370,986
2030	27,799,228	116,472,638	25,162,426	76,023,097
2031	25,948,089	125,718,375	23,256,191	80,287,211
2032	24,101,167	134,559,533	21,408,930	84,035,637
2033	22,274,235	142,163,111	19,626,194	87,313,288
2034	20,475,310	148,893,665	17,912,531	90,777,928
2035	18,717,549	154,277,890	16,272,251	95,008,172
2036	17,009,378	158,697,040	14,710,088	99,944,038
2037	15,366,723	161,236,700	13,231,490	104,916,691
2038	13,797,010	162,348,136	11,840,750	109,259,894
2039	12,310,802	161,609,442	10,540,029	112,689,895
2040	10,912,861	159,523,538	9,330,775	115,055,924
2041	9,612,680	155,391,588	8,213,898	116,264,348
2042	8,411,836	150,092,725	7,189,543	116,274,347
2043	7,313,793	143,540,451	6,256,225	115,084,852
2044	6,316,861	136,390,121	5,411,772	112,734,680
2045	5,421,924	127,951,229	4,653,376	109,296,154
2046	4,623,523	118,991,450	3,977,272	104,875,788
2047	3,917,719	109,612,367	3,379,036	99,612,162
2048	3,297,925	100,395,737	2,853,638	93,674,236
2049	2,759,987	90,961,197	2,395,790	87,246,809
2050	2,296,192	81,842,566	1,999,764	80,513,614
2051	1,899,886	73,030,829	1,659,598	73,641,953
2052	1,563,208	64,951,933	1,369,523	66,782,130
2053	1,280,141	57,291,144	1,123,994	60,067,647
2054	1,043,358	50,319,769	917,690	53,610,046
2055	846,693	43,877,213	745,470	47,496,268
2056	683,855	38,074,692	602,600	41,785,522
2057	550,035	32,699,531	484,800	36,514,804
2058	440,340	27,916,136	388,238	31,701,834
2059	350,953	23,677,399	309,522	27,349,469
2060+	1,242,291	108,627,920	1,111,796	136,637,110
		Undiscounted		
Total	602,769,630	3,986,442,759	555,876,797	3,133,189,325
		counted at a 4.5% Int		
Total	413,324,609	1,880,950,431	386,781,849	1,400,018,823

Allianz Life Insurance Company of North America [PO Box 59060 Minneapolis, MN 55459-0060 800.789.6896]



[Date]

[Owner First Name] [Owner Last Name]
[Co-Owner First Name] [Co-Owner Last Name]
[Owner Address L1]
[Owner Address L2]
[Owner City], [Owner State] [Owner Zip] [Owner Zip Rest]

[Policy Number]

Important notice of increase in your long term care insurance premium with time-sensitive options

Dear [Owner First Name] [Owner Last Name] [and] [Co-Owner First Name] [Co-Owner Last Name],

We are writing to inform you of an upcoming [Overall Increase%] premium increase for our long term care (LTC) policies, which will impact your current policy with our company.

#### Your premium increase

Based on your current benefits, the premium rate increase will raise your current premium of [Billed Premium] [Bill Mode] to [adj'd billing1] [Bill Mode], effective with your first premium due date on or after [anniversary1].\*

We understand that this premium increase may significantly impact you. If you prefer to maintain your current benefit amounts by paying the increased premium amount, no action is needed. [For information on your current benefits, please see the enclosed Benefit Summary.] We're also offering the flexibility to choose among the following options that may reduce the impact of your rate increase:

- [[A.] Reduce the [Benefit Period/Maximum Lifetime Benefit] on your policy.]
- [[B.] Remove the [Benefit Increase Rider], also known as the Inflation Protection Rider.]
- [C.] Reduce the [Daily/Monthly] Benefit Amount on your policy.
- [D.] In connection with this rate increase, we are offering a paid-up option with the Premium Increase Contingent Benefit Upon Lapse Rider at no charge.
- [[E.] Because you have an active Non-Forfeiture Rider or Return of Premium Rider on your policy, you may exercise the benefits under that rider.]
- [F.] Reduce other Benefits or optional Riders.

[By selecting one or more of the above options, you may experience a considerable change to the coverage provided by your policy. To help you make the right decision for your situation, we encourage you to research the average cost of care in your area by visiting [www.whatcarecosts.com/Allianz] (enter sponsor code [XYZ] in the upper-right corner of the page).]

You may have other options to reduce your benefits than those listed above, including combinations of these options. Please be aware that the options may not be of equal value and some have time limitations. If you want to choose any of these options, please review and complete the enclosed **Coverage Change Request Form.** Additional details on the premium rate increase and these options can be found in the **Frequently Asked Questions below.** 

[Some options result in a loss of the partnership status of your policy, which may reduce policyholder protections. For more details on these options and partnership eligibility, please see Questions [6] and [7] in the attached FAQs.]

#### We are here to help

Contact your financial professional **or our customer service representatives at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time].** They can provide details about your options, assist with the Coverage Change Request Form, or help determine how changes to your LTC insurance coverage will impact your benefits and premium payments.

Thank you for your business.

Lea Atum

Sincerely,

[

Lee A. Peterson

Vice President, Policyholder Services]

NOTE: This letter is not a bill. Please retain a copy of this letter with your policy for future reference.

Enclosed: [Benefit Summary]

Coverage Change Request Form

Policy Endorsement

Premium Increase Contingent Benefit Upon Lapse Rider Schedule

Premium Increase Contingent Benefit Upon Lapse Rider

[cc:] [Agent First Name] [Agent Middle Name] [Agent Last Name]

\*Recent changes to your policy may not be reflected in the premium rate above. For up-to-date information about your current premium and benefit levels, you can request a current policy schedule from Allianz by contacting us at [800.789.6896]. Premium rates could change again in the future.

Guarantees are backed by the financial strength of Allianz Life Insurance Company of North America. Products are is sued by Allianz Life Insurance Company of North America, 5701 Golden Hills Drive, Minneapolis, MN 55416-1297. 800.789.6896

#### **Frequently asked questions**

#### [1.] Why are rates increasing?

When Allianz designed its LTC insurance products several years ago, we based your initial premium on actuarial assumptions, which used the best information available to us at that time. Since then, we've continually monitored our LTC policies to compare those initial projections against our actual claim experience. During a recent review we determined that, due to a combination of factors outlined below, we need to increase the premium rates on our LTC policies.

We realize the rate increase is difficult for our policyholders, and assure you that we considered all of our options very carefully before increasing your premium. We also want to reassure you that this premium increase applies to all policies in your policy class (i.e., all policies that are similar to your policy) and are not increasing due to a change in your age, health status, or claim activity.

#### [2.] How was the rate increase amount determined?

LTC insurance rates are affected by many complex factors, including the rising cost of health care, the number of people who continue coverage, how many policyholders collect benefits, and for how long. Policyholders are using more benefits than our actuaries anticipated when they originally priced our LTC policies. Based on our experience – and new expectations – we need to adjust premiums to ensure adequate funding to pay current and anticipated future claims.

#### [3.] When does the rate increase take effect?

Your rate increase will become effective on your anniversary date of [Anniversary 1], or on your next premium due date after [Anniversary 1] if your premium due date is not aligned to your anniversary.

If your premium is not due on the anniversary, you must continue paying your current premium until your next premium due date after your anniversary. If you elect to make changes to your coverage to reduce your premium, these coverage changes will become effective on the next premium due date after your anniversary. Please note: If you change your premium billing frequency in the interim, your rate increase will become effective with the next premium due date on or after the change.

#### [4.] Did my state review my rate increase?

Once we determine that a proposed premium rate increase is necessary, we submit the information along with supporting data through a review process with your state's insurance regulators. The submission includes an actuarial justification discussing the reasonableness of the relationship between premiums charged and expected benefit payments. The state provides an independent perspective that is crucial in establishing an increase amount that balances the needs of our policyholders and our company.

#### [[5.] What is the cost of Long Term Care (LTC) services?

We understand that making a change on your policy may impact the amount of coverage your policy provides. To help you make the right decision for your situation, we are providing information on average LTC costs in your area and across the country. To get started, visit [www.whatcarecosts.com/Allianz] and enter sponsor code [XYZ] in the upper-right corner of the page.

The website allows you to compare average costs of Skill Nursing Homes, Home Health Care, and Assisted Living Facilities at the national, state, and local level. Average costs are based on surveys of thousands of providers at the national, state, and metropolitan statistical area level, however, the final

cost of individual providers may differ. If you have any difficulties accessing the website, please contact us at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time].

[For details on your current benefits and coverage amounts, please see the attached **Benefit Summary.**]]

#### [6.] What are my options?

You may maintain your current benefit amounts by paying the increased premium. As long as you continue paying full premiums, your policy will remain in effect and unchanged.

However, to help ease the impact of this rate increase, we're offering you several options that may reduce the impact of the premium rate increase. The options may not be of equal value and some have time limitations. Please see the enclosed Coverage Change Request Form for more details on the coverage changes:

- [[A.] **Reduce Your [Benefit Period/Maximum Lifetime Benefit]:** Reducing the [Benefit Period/Maximum Lifetime Benefit] will reduce the maximum length of time the policy will pay benefits and the total amount of benefits payable.]
- [[B.] Remove the [COLA/Inflation Protection Rider]: If choosing to terminate the [COLA Rider], you will keep the Rider's accrued benefits as of the rate increase effective date and your Daily Benefit will no longer increase by [COLA %] at each Policy Anniversary. [Please note: As described in the attached endorsement, this offer is only available if we receive written notice requesting the change before [COLA Vesting Date]. If you choose to cancel your [COLA Rider] after [COLA Vesting Date] you will forfeit all accrued benefit increase percentages.]]
- [C.] **Reduce Your [Daily/Monthly] Benefit Amount:** Reducing your [Daily/Monthly] Benefit may also reduce Lifetime Benefit amounts available to you.
- [D.] Exercise the Premium Increase Contingent Benefit Upon Lapse Rider: In connection with this rate increase, we are offering a paid-up option with the Premium Increase Contingent Benefit Upon Lapse Rider at no charge. If you elect this option, you would no longer pay premiums, and your lifetime benefit amount is typically reduced to the total of premiums you have paid. If you wish to exercise the Premium Increase Contingent Upon Lapse Rider, we must receive your request prior to [Latest Election Date.]
  - **Please note:** As this paid-up option starts on the effective date of the premium increase, you must continue coverage to that date by paying the required premiums. No additional premium will be due after that date.
- [[E.] Exercise the Non-Forfeiture Rider or Return of Premium Rider on your policy: Under these riders, you would no longer pay premiums, and your lifetime benefit amount is typically reduced to the total of premiums you have paid. There is no time limit in which you must elect this option. Please refer to the specific rider attached to your policy for additional details regarding the rider terms.]
- [F.] **Reduce Other Benefits or Optional Riders:** You may have other options to lessen the impact of this premium rate increase.

[For details on your current benefits and coverage amounts, please see the attached **Benefit Summary.**]

[[7.] My policy has a disclosure that shows it qualifies for the Long Term Care Insurance Partnership program in my state. Will any changes I make to my coverage affect the partnership status of my policy?

Qualification under a state partnership program enables people who purchase certain long term care insurance policies to have more of their assets protected if they later need to have the state pay for their long term care. Cancellation of a policy's Benefit Increase Rider or exchange to a similar rider with a lower annual benefit increase may result in a loss of partnership status. Before you make any changes, we strongly encourage you to contact one of our customer service representatives at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time].]

#### [8.] How much time do I have to make a decision?

Some of the options available to you are time-sensitive. Critical dates are listed in Question [6] above. We would advise that you make a decision prior to your upcoming policy anniversary on [Anniversary1].

#### [9.] Could my premium rates change again in the future?

It is possible there will be additional rate increases in the future. [However, as part of this increase, the attached Policy Endorsement guarantees that we will not change rates again for [rate guarantee period years] years from [Anniversary 1].] An increase will only occur [after this guaranteed period] if we can demonstrate additional premium amounts are needed to sustain LTC policies. The increase would then need to be filed with state insurance regulators for review.

#### [10.] I've never filed a claim. Why am I getting a rate increase?

This premium increase applies to classes of our LTC policies in aggregate, and does not in any way reflect an individual policyholder's age, health status, or claim activity.

#### [11.] I am currently on claim. Am I affected by this rate increase?

If you are currently in claim status and not paying premiums because of a Waiver of Premium provision in your policy, you do not need to pay the increased premium yet. Once you are no longer in claim status and premiums are due, you will need to pay the increased premium to maintain your coverage. If your policy does not provide for a Waiver of Premium benefit, you will be required to pay the increased premium.

#### [[12.] What if my policy becomes fully paid-up?

The increase will impact only the remaining premiums. Once the policy is fully paid-up, the policyholder has no further premium obligations.]

## [13.] What if I use Electronic Funds Transfer (EFT) or an automatic bill pay service to pay my premium?

- If you pay your premiums with an EFT from your bank account and your draft is scheduled to occur prior to your upcoming anniversary for the premiums due on or after your anniversary, we'll apply the increased premium to that scheduled draft unless you have requested otherwise. If you are making a change to your policy, please send us the Coverage Change Request Form at least two weeks before your policy anniversary to allow for mailing and processing time or the scheduled draft with the increased amount may occur.
  - o To remove your premium payment from EFT and change to direct bill, call us at [800.789.6896.]
  - o If you choose a Reduced Paid Up Option, no further premium payments will be due after your anniversary date, and the EFT draft will be discontinued at that time.
- If you pay your premiums using automatic bill pay services, please update your account for your new payment amount. If you do not update the amount with your account and we do not receive the full premium amount, your policy could lapse.

#### [[14.] What if my spouse or joint insured and I have Shared Care Riders on our policies?

Your policy and your spouse or joint insured's policy must be identical. If you make changes to your policy, your spouse or joint insured must also elect to make the same changes on their policy. Please note: If you have different policy anniversaries, you and your spouse or joint insured may receive notification of this rate increase at different times. If your spouse or joint insured did not receive a notification letter, they can call to get premium increase information on their policy.]

#### [15.] If I wish to cancel my policy, what steps do I take?

We encourage you to keep this important coverage. There may be options available for you to reduce your benefits in order to keep your premium at approximately the same amount as before the premium increase. You may also be able to exercise an option which would provide a paid-up policy with a shortened benefit period. We encourage you to consult with your family, your insurance agent, or financial advisor before making a decision to reduce or cancel your coverage. If you choose to cancel your policy, we will do so upon receipt of your signed and dated request.

#### [16.] Whom can I contact with questions?

Before you make any changes, we strongly encourage you to review all of the enclosed forms and to contact your financial professional or one of our customer service representatives at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time]. They can provide you with details about your options, and help you determine how changes to your LTC insurance coverage will impact your benefits and premium payments. You can also contact us or your Allianz agent for help with the Coverage Change Request Form. We value the trust you've placed in us, and we're here to help.

#### **Allianz Life Insurance Company of North America**

5701 Golden Hills Drive Minneapolis, MN 55416-1297



Re: LTC Rate Filing 2021 - GPR

SERFF Tracking Number: ALLB-132903805

Pennsylvania Insurance Department

September 7, 2021

Dear James Laverty,

Allianz would first like to thank the Department for reviewing our filing. We have the following responses for the objection letter dated July 26, 2021. We have included the original objection in bold and our responses below for your convenience.

1. Please provide the exhibits in this filing in an Excel workbook.

Please see the attachment named "Exhibits and Attachments.xlsx" under the Actuarial Memorandum and Explanatory Information (A&H) item in the Supporting Documentation tab of SERFF for the exhibits in Excel format.

2. Please provide a table in an Excel spreadsheet (perhaps similar to Exhibit 5) which shows the historical and projected nationwide earned premium and incurred claims on a calendar year basis assuming no rate increase is granted. Please restate the historical and projected earned premium so that the business from inception appears to have been all been earned at the current Pennsylvania rate level. Please don't group the data until calendar year 2072 (similar to Exhibit 3 and 5, show 2003 through 2072+)

Attachment 1 to this letter provides the same information as Attachment 5 of the supplement to the actuarial memorandum from initial submission, which provided historical and projected earned premium restated to the current Pennsylvania rate level, except with grouped data starting in calendar year 2072. Attachment 1 is also being provided in Excel format, as requested.

3. Please provide a table in an Excel spreadsheet (perhaps similar to Exhibit 5) which shows the historical and projected nationwide earned premium and incurred claims on a calendar year basis assuming no rate increase is granted. Please restate the historical and projected earned premium so that the business from inception appears to have been all been earned at the original rate level. The original rate level is the rate level that would have existed if no increase was ever granted on any policy nationwide. Please don't group the data until calendar year 2072 (similar to Exhibit 3 and 5, show 2003 through 2072+).

Attachment 2 to this letter provides the same information as Attachment 1 except earned premium reflects the original rate level. Attachment 2 is also being provided in Excel format, as requested.

4. How many policies from this block were issued nationwide?

The total number of polices issued nationwide for GPR is 42,755.

5. How many policies from this block remain in force nationwide?

As shown in Section 12 of the actuarial memorandum, the number of active premium paying policies in force nationwide for GPR as of December 31, 2020 is 28,800.

6. The policyholder has the option to drop the COLA but keep the rider's accrued benefits. What premium would a policyholder pay if he chose this option?

Policyholders who cancel their COLA in connection with the rate increase and retain the rider's accrued benefits as of the rate increase effective date will be rated at the original daily benefit amount based on their issue age and will no longer be charged for the COLA rider.

If you do have any questions or if you need additional information to complete your review, please contact me at Noelle.Destrampe@AllianzLife.com.

Sincerely,

Noelle Destrampe, FSA, MAAA

Actuary

Allianz Life Insurance Company of North America

# Attachment 1 Allianz Life Insurance Company of North America Nationwide Experience Policy Form Series: GPR As of 12/31/2020 Premiums Restated to Current Pennsylvania Rate Level from Inception

	<u>Year</u>	Earned Premium	Incurred Claims	Loss Ratio
	2003	\$1,079,858	\$0	0.0%
	2003	\$20,629,507	\$447,442	2.2%
		1 1 1		
	2005	\$49,673,191	\$1,117,653	2.3%
	2006	\$78,798,676	\$6,042,811	7.7%
	2007	\$91,423,905	\$4,568,674	5.0%
	2008	\$92,814,617	\$6,871,620	7.4%
	2009	\$91,419,664	\$7,677,965	8.4%
Historical	2010	\$89,725,437	\$7,984,727	8.9%
Experience	2011	\$88,269,909	\$8,498,542	9.6%
1	2012	\$87,148,057	\$13,080,434	15.0%
	2013	\$86,057,868	\$13,369,900	15.5%
	2014	\$83,992,198	\$20,314,085	24.2%
			\$23,907,519	29.3%
	2015	\$81,566,131		
	2016	\$79,927,897	\$30,565,863	38.2%
	2017	\$78,264,613	\$32,337,275	41.3%
	2018	\$76,207,993	\$37,662,903	49.4%
	2019	\$74,166,340	\$41,919,308	56.5%
	2020	\$72,155,327	\$54,266,491	75.2%
	2021	\$68,818,651	\$43,412,914	63.1%
	2022	\$66,859,968	\$50,428,212	75.4%
	2023	\$64,263,732	\$56,589,765	88.1%
	2024	\$61,596,397	\$63,840,688	103.6%
	2025	\$58,870,185	\$71,860,796	122.1%
	2026	\$56,086,059	\$80,772,348	144.0%
	2027	\$53,252,557	\$90,244,210	169.5%
	2028	\$50,372,553	\$100,372,935	199.3%
	2028	\$47,463,741	\$110,348,771	232.5%
	2030	\$44,533,318	\$120,164,573	269.8%
	2031	\$41,597,686	\$129,269,857	310.8%
	2032	\$38,667,050	\$137,951,743	356.8%
	2033	\$35,765,897	\$145,363,173	406.4%
	2034	\$32,906,585	\$151,889,052	461.6%
	2035	\$30,109,802	\$157,056,037	521.6%
	2036	\$27,388,868	\$161,258,176	588.8%
	2037	\$24,769,093	\$163,573,082	660.4%
Projected	2038	\$22,262,384	\$164,464,797	738.8%
Future	2039	\$19,885,790	\$163,508,532	822.2%
Experience	2040	\$17,647,195	\$161,216,229	913.6%
-	2041	\$15,562,104	\$156,883,022	1008.1%
	2042	\$13,633,445	\$151,400,750	1110.5%
	2043	\$11,867,229	\$144,681,445	1219.2%
	2044	\$10,261,220	\$137,382,218	1338.8%
	2045	\$8,817,333	\$128,807,882	1460.8%
	2046	\$7,527,263	\$119,727,576	1590.6%
	2047	\$6,385,134	\$110,240,852	1726.5%
	2048	\$5,380,731	\$100,931,750	1875.8%
	2049	\$4,507,731	\$91,416,485	2028.0%
	2050	\$3,753,997	\$82,228,320	2190.4%
	2051	\$3,109,057	\$73,357,911	2359.5%
		1 1 1		
	2052	\$2,560,421	\$65,230,786	2547.7%
	2053	\$2,098,549	\$57,527,170	2741.3%
	2054	\$1,711,721	\$50,518,442	2951.3%
	2055	\$1,390,052	\$44,044,325	3168.5%
	2056	\$1,123,413	\$38,215,131	3401.7%
	2057	\$904,055	\$32,814,630	3629.7%
	2058	\$724,072	\$28,007,570	3868.1%
	2059	\$577,284	\$23,748,408	4113.8%
	2060	\$457,950	\$20,076,821	4384.1%
	2061	\$361,680	\$16,813,906	4648.8%
	2062	\$284,201	\$14,016,575	4931.9%
	2063	\$222,200	\$11,611,523	5225.7%
	2064	\$172,757	\$9,607,246	5561.1%
	2065	\$133,666	\$7,876,660	5892.8%
		\$102,835		
	2066 2067		\$6,395,997	6219.7%
		\$78,661	\$5,123,739	6513.7%
		A50 = - :	\$4,064,866	6801.6%
	2068	\$59,764		
	2068 2069	\$45,114	\$3,180,814	7050.6%
	2068			
	2068 2069	\$45,114	\$3,180,814	7297.0%
	2068 2069 2070 2071	\$45,114 \$33,801 \$25,133	\$3,180,814 \$2,466,482 \$1,892,627	7297.0% 7530.4%
	2068 2069 2070	\$45,114 \$33,801	\$3,180,814 \$2,466,482	7297.0% 7530.4%
	2068 2069 2070 2071 2072+	\$45,114 \$33,801 \$25,133 \$64,945	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455	7297.0% 7530.4% 8734.2%
Undiggenete	2068 2069 2070 2071 2072+ Historical (YE2020)	\$45,114 \$33,801 \$25,133 \$64,945 \$1,323,321,187	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455	7297.0% 7530.4% 8734.2% 23.5%
Undiscounted	2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +)	\$45,114 \$33,801 \$25,133 \$64,945 \$1,323,321,187 \$967,055,030	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276	7297.0% 7530.4% 8734.2% 23.5% 420.8%
Undiscounted	2068 2069 2070 2071 2072+ Historical (YE2020)	\$45,114 \$33,801 \$25,133 \$64,945 \$1,323,321,187	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455	7297.0% 7530.4% 8734.2% 23.5%
	2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +) Total Lifetime Anticipated	\$45,114 \$33,801 \$25,133 \$64,945 \$1,323,321,187 \$967,055,030	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276 \$4,380,183,487	7297.0% 7530.4% 8734.2% 23.5% 420.8%
	2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +) Total Lifetime Anticipated Historical (YE2020)	\$45,114 \$33,801 \$25,133 \$64,945 \$1,323,321,187 \$967,055,030	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276	7297.0% 7530.4% 8734.2% 23.5% 420.8%
Undiscounted Discounted at 4.5% Interest	2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +) Total Lifetime Anticipated	\$45,114 \$33,801 \$25,133 \$64,945 \$1,323,321,187 \$967,055,030 \$2,290,376,217	\$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276 \$4,380,183,487	420.8% 191.2%

# Attachment 2 Allianz Life Insurance Company of North America Nationwide Experience Policy Form Series: GPR As of 12/31/2020 Premiums at the Original Rate Level

	<u>Year</u>	Earned Premium	Incurred Claims	Loss Ratio
	2003	\$812,042	\$0	0.0%
	2004	\$15,433,770	\$447,442	2.9%
	2005	\$36,473,946	\$1,117,653	3.1%
	2006	\$56,837,919	\$6,042,811	10.6%
	2007	\$65,093,403	\$4,568,674	7.0%
	2008	\$65,442,096	\$6,871,620	10.5%
	2009	\$63,841,555	\$7,677,965	12.0%
Historical	2010	\$62,117,671	\$7,984,727	12.9%
Experience	2011	\$60,662,143	\$8,498,542	14.0%
	2012	\$59,540,290	\$13,080,434	22.0%
	2013	\$58,451,698	\$13,369,900	22.9%
	2014	\$56,458,694	\$20,314,085	36.0%
	2015	\$54,315,327	\$23,907,519	44.0%
	2016	\$52,985,491	\$30,565,863	57.7%
	2017	\$51,632,916	\$32,337,275	62.6%
	2018	\$50,056,168	\$37,662,903	75.2%
	2019	\$48,603,117	\$41,919,308	86.2%
	2020	\$47,197,603	\$54,266,491	115.0%
	2021	\$44,908,621	\$43,412,914	96.7%
	2022	\$43,540,727 \$41,756,963	\$50,428,212 \$56,580,765	115.8%
	2023 2024	\$41,756,963 \$39,932,603	\$56,589,765 \$63,840,688	135.5% 159.9%
	2024	\$38,076,647	\$71,860,796	188.7%
	2026	\$36,190,337	\$80,772,348	223.2%
	2027	\$34,279,923	\$90,244,210	263.3%
	2028	\$32,347,713	\$100,372,935	310.3%
	2029	\$30,405,857	\$110,348,771	362.9%
	2030	\$28,459,262	\$120,164,573	422.2%
	2031	\$26,518,764	\$129,269,857	487.5%
	2032	\$24,590,878	\$137,951,743	561.0%
	2033	\$22,691,334	\$145,363,173	640.6%
	2034	\$20,827,693	\$151,889,052	729.3%
	2035	\$19,012,819	\$157,056,037	826.1%
	2036	\$17,254,654	\$161,258,176	934.6%
	2037	\$15,568,771	\$163,573,082	1050.6%
Projected	2038	\$13,961,965	\$164,464,797	1177.9%
Future	2039	\$12,444,275	\$163,508,532	1313.9%
Experience	2040	\$11,019,850	\$161,216,229	1463.0%
-	2041	\$9,697,684	\$156,883,022	1617.7%
	2042	\$8,478,753	\$151,400,750	1785.6%
	2043	\$7,366,009	\$144,681,445	1964.2%
	2044	\$6,357,234	\$137,382,218	2161.0%
	2045	\$5,452,880	\$128,807,882	2362.2%
	2046	\$4,647,052	\$119,727,576	2576.4%
	2047	\$3,935,457	\$110,240,852	2801.2%
	2048	\$3,311,182	\$100,931,750	3048.2%
	2049	\$2,769,819	\$91,416,485	3300.4%
	2050	\$2,303,427	\$82,228,320	3569.8%
	2051	\$1,905,172	\$73,357,911	3850.5%
	2052	\$1,567,042	\$65,230,786	4162.7%
	2053	\$1,282,905 \$1,045,339	\$57,527,170	4484.1%
	2054			1022 70
			\$50,518,442 \$44,044,325	
	2055	\$848,104	\$44,044,325	5193.3%
	2055 2056	\$848,104 \$684,854	\$44,044,325 \$38,215,131	5193.3% 5580.0%
	2055 2056 2057	\$848,104 \$684,854 \$550,737	\$44,044,325 \$38,215,131 \$32,814,630	5193.3% 5580.0% 5958.3%
	2055 2056 2057 2058	\$848,104 \$684,854 \$550,737 \$440,828	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570	5193.3% 5580.0% 5958.3% 6353.4%
	2055 2056 2057 2058 2059	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408	5193.3% 5580.0% 5958.3% 6353.4% 6760.3%
	2055 2056 2057 2058 2059 2060	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2%
	2055 2056 2057 2058 2059 2060 2061	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4%
	2055 2056 2057 2058 2059 2060 2061 2062	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9%
	2055 2056 2057 2058 2059 2060 2061 2062 2063	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 9687.7%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 9687.7% 10221.5%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 9594.1% 9687.7% 10221.5% 10699.6%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 10221.5% 10699.6% 11166.1%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814	5193.3% 5580.0% 5958.3% 6353.4% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 9687.7% 10221.5% 11669.6% 11166.1%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482	5193.3% 5580.0% 5958.3% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9687.7% 10221.5% 11166.1% 111567.1%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627	5193.3% 5580.0% 5958.3% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9044.6% 90687.7% 10221.5% 11166.1% 111567.1% 11962.3% 12334.5%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482	5193.3% 5580.0% 5958.3% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9044.6% 90687.7% 10221.5% 11166.1% 111567.1% 11962.3% 12334.5%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627	7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 9687.7% 10221.5% 1166.1% 11567.1% 11962.3% 12334.5%
Undiscounted	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344 \$39,849	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 9687.7% 10221.5% 104699.6% 11166.1% 11567.1% 11567.3% 12334.5% 14234.7%
Undiscounted	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072+	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344 \$39,849	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$63,955,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455	5193.3% 5580.0% 5588.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 10221.5% 10699.6% 11166.1% 11567.1% 11962.3% 12334.5% 14234.7%
Undiscounted	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +) Total Lifetime Anticipated	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344 \$39,849	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276 \$4,380,183,487	5193.3% 5580.0% 55958.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 10699.6% 11166.1% 11567.1% 11962.3% 12334.5% 14234.7%
Discounted at	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +) Total Lifetime Anticipated	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344 \$39,849 \$905,955,850 \$618,028,410 \$1,523,984,260	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276 \$4,380,183,487	5193.3% 5580.0% 5588.3% 6353.4% 6760.3% 7207.2% 7644.4% 8110.9% 8594.1% 9144.6% 9144.6% 10221.5% 1166.1% 11567.1% 11962.3% 12334.5% 14234.7% 34.3% 658.5% 28.7.4%
	2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072+ Historical (YE2020) Projected Future (2021 +) Total Lifetime Anticipated	\$848,104 \$684,854 \$550,737 \$440,828 \$351,290 \$278,568 \$219,951 \$172,811 \$135,111 \$105,059 \$81,306 \$62,574 \$47,887 \$36,404 \$27,499 \$20,619 \$15,344 \$39,849	\$44,044,325 \$38,215,131 \$32,814,630 \$28,007,570 \$23,748,408 \$20,076,821 \$16,813,906 \$14,016,575 \$11,611,523 \$9,607,246 \$7,876,660 \$6,395,997 \$5,123,739 \$4,064,866 \$3,180,814 \$2,466,482 \$1,892,627 \$5,672,455 \$310,633,211 \$4,069,550,276 \$4,380,183,487	5193.3% 5580.0% 5958.3% 6353.4% 6760.3% 7207.2% 7644.4% 819.9% 8394.1% 9144.6% 9687.7% 10221.5% 10699.6% 11166.1% 11567.1% 11962.3% 12334.5% 14234.7% 34.3% 658.5% 287.4%

#### **Allianz Life Insurance Company of North America**

5701 Golden Hills Drive Minneapolis, MN 55416-1297



Re: LTC Rate Filing 2021 - GPR

SERFF Tracking Number: ALLB-132903805

Pennsylvania Insurance Department

November 8, 2021

Dear Valerie Romig,

This letter is in response to your rate increase offer dated October 13, 2021.

Allianz would first like to thank the Department for reviewing our filing and providing us with an offer. Although we believe that a greater increase is needed to alleviate the poor performance on this block of business and we want to be transparent with our policyholders regarding our plan for rate increases, we are willing to accept the 20% rate increase laid out in the Department's October 13th offer letter.

Policyowners will be notified of the full amount of the increase at least 60 days prior to the effective date of the rate increase. In the notification letter, Allianz will lay out policyholder options and include the originally requested rate increase in number 9 of the frequently asked questions for those policies where the allowed increase is less than what was requested. Allianz will guarantee these premiums for 12 months from the implementation date of this rate increase.

Provided with this letter are the revised rate tables reflecting the 20% rate increase. Please note that the actual rates implemented may vary slightly from those in the rate tables due to rounding in the implementation algorithm.

Through a SERFF post-submission update, we revised the Rate/Rule Schedule tab to reflect a 20% rate increase, as requested. We respectfully request that the Department acknowledge the post-submission update prior to issuing the disposition in order to for the disposition to capture the change.

If you do have any questions or if you need additional information to complete your review, please contact me at Noelle.Destrampe@AllianzLife.com.

Sincerely,

Noelle Destrampe, FSA, MAAA

Actuary

Allianz Life Insurance Company of North America

SERFF Tracking #: ALLB-132903805 State Tracking #: ALLB-132903805 Company Tracking #: LTC RATE INCREASE 2021 - GPR

State: Pennsylvania Filing Company: Allianz Life Insurance Company of North America

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: LTC Rate Increase 2021 - GPR

Project Name/Number: LTC Rate Increase 2021 - GPR/LTC Rate Increase 2021 - GPR

#### **Superseded Schedule Items**

Please note that all items on the following pages are items, which have been replaced by a newer version. The newest version is located with the appropriate schedule on previous pages. These items are in date order with most recent first.

	Schedule Item			Replacement	
Creation Date	Status	Schedule	Schedule Item Name	<b>Creation Date</b>	Attached Document(s)
07/08/2021		Rate	Generation Protector		PA (Generation Protector) Current Rates.pdf PA (Generation Protector) Proposed Rates.pdf (Superceded)

Generation Protector (Proposed)
Allianz Life Insurance Company of North America
5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297
Base Premium Rates
Preferred Rate Class, 90 Day Elimination Period
Rates are per \$10 Facility Care Daily Benefit

Facility Care Benefit and 70% Home and Community Care Benefit

Facility Care Benefit and 100% Home and Community Care Benefit

Facility Care Benefit and 130% Home and Community Care Benefit

Age	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	37	42	46	59	66	91	39	43	48	61	68	95	43	48	52	68	75	105
41	37	42	46	59	66	91	39	43	48	63	70	95	43	48	52	68	77	105
42	37	42	48	61	68	93	39	43	49	63	70	97	43	49	53	70	77	107
43	39	43	49	63	70	95	40	45	50	64	71	99	45	50	55	71	78	109
44	40	45	49	64	71	97	42	46	50	66	73	101	46	50	56	73	80	111
45	42	46	50	66	73	99	43	48	52	68	75	103	48	52	58	75	84	115
46	42	48	52	68	75	103	43	49	53	70	77	107	48	53	59	77	85	117
47	43	49	53	70	77	105	45	50	55	71	78	109	49	55	60	78	87	119
48	45	50	55	71	78	107	46	52	56	73	80	111	50	56	62	80	89	123
49	46	52	56	73	80	111	48	53	58	75 	82	115	52	58	63	82	90	125
50	48	53	58	75	82	113	49	55	59	77	85	117	53	59	65	84	92	129
51	49	55	59	77	84	115	50	56	60	78	87	119	55	60	66	85	96	131
52	50	56	60	78	85	119	52	58	62	80	89	123	56	62	68	87	97	135
53	52	58	62	82	90	125	53	59	65	84	92	129	58	65	71	92	103	141
54	55	60	65	85	94	131	56	62	68	87	97	135	60	68	73	96	106	147
55	58	63	69	89	99	137	59	65	71 75	92	103	141	63	71	78	101	111	154
56	59	66	72	94	104	143	60	68	75 70	96	106	147	66	73	81	104	117	160
57 50	62	69	75	97	108	150	63	71 75	78	101	111	154	69	78	85	110	122	168
58 50	66 71	73 70	81	104	117	160	68	75	84	108	120	164	73	82	91 06	117	131	180
59	71 76	79	86	111	124	170	72 70	81	89 05	115	127	176	79	88	96 104	125	139	192
60		84	92	120	132	182	78	86	95	124	137	188	85	94	104	134	150	206
61 62	81 86	89 95	98 105	127 136	141 151	194 206	82 88	92 98	101 108	131 141	146 157	202 216	89 96	99 107	109	143 153	158 171	220 236
63	94					206	95	107				234			118			
	102	104	114 124	148 160	164		95 104		117	153	169 184		104 112	115	128	165	184	255 277
64 65	102	112 121	134	174	177 193	244 265	112	115 125	127 138	165 179	200	255 277	122	125 135	138 150	181 197	200 218	301
66	120	132	145	190	211	289	122	135	150	179	218	301	132	147	163	212	237	329
67	130	143	158	205	228	315	132	147	163	212	237	327	144	160	177	231	257 258	329 356
68	143	158	174	203	252	348	145	163	180	235	263	362	158	177	196	256	285	394
69	158	174	193	252	280	386	161	179	199	261	291	402	176	194	217	284	317	438
70	174	193	215	280	310	428	179	197	220	289	322	446	194	216	240	315	350	485
71	193	213	236	311	345	473	196	217	243	320	357	493	215	238	266	350	388	537
72	213	235	262	345	381	525	217	240	269	355	395	546	236	262	294	386	432	596
73	235	259	291	383	423	582	240	266	300	393	438	608	262	291	327	430	479	661
74	261	288	323	425	470	647	265	295	331	437	487	675	289	321	361	477	531	737
75	288	318	357	472	522	721	294	327	367	485	541	750	320	356	400	529	590	818
76	318	353	396	522	579	802	325	361	408	539	600	836	354	393	445	586	656	911
77	353	390	438	579	644	891	360	400	452	599	668	929	392	436	492	651	727	1,012
78	389	429	485	642	715	990	396	441	500	663	741	1,032	432	480	544	722	807	1,125
79	428	474	536	713	793	1,101	436	485	553	734	821	1,146	477	528	602	800	896	1,249
80	472	521	593	790	880	1,222	481	534	612	814	912	1,273	524	583	667	887	994	1,388
81	520	575	655	875	976	1,358	530	589	677	903	1,011	1,414	577	642	737	985	1,103	1,542
82	573	634	726	971	1,084	1,509	585	649	747	1,001	1,122	1,572	636	708	815	1,091	1,223	1,713
83	631	698	802	1,077	1,202	1,675	644	716	827	1,110	1,246	1,746	703	780	901	1,209	1,357	1,903
84	696	769	887	1,194	1,333	1,861	710	789	914	1,230	1,382	1,938	773	860	996	1,342	1,507	2,113

## Generation Protector (Proposed) Allianz Life Insurance Company of North America 5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297 Rider Premium Rates and Premium Factors

Factors applied to base premium rates

					5%									
	5%	4%	3%	5%	Compound COLA w/2X	2 Times		Accelerate		Shortened Benefit	Spousal Survivorship	D	Restoration	Spousal Shared Care
Age	Compound COLA (10-R3)	Compound COLA (10-R2)	Compound COLA (10-R1)	Simple COLA (10-R5)	COLA W/2X Cap (10-R4)	Compound Plus COLA (10-R22)	Pay (10-R6)	Rider (10 years 1-10	years 11+	Period Rider (10-R8)	Rider (10-R21)	Benefit Period	of Benefits Rider (10-R16)	Rider (10-R19)
18-40	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	2 year	1.08	1.09
41	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	3 year	1.05	1.08
42	3.84	3.02	2.20	2.14	1.92	2.02	1.17	1.40	0.70	1.20	1.15	4 year	1.04	1.07
43	3.80	3.00	2.20	2.14	1.92	2.00	1.17	1.40	0.70	1.20	1.15	5 year	1.04	1.06
44	3.80	3.00	2.20	2.14	1.92	2.00	1.17	1.40	0.70	1.20	1.15	8 year	1.04	1.04
45	3.73	2.96	2.18	2.12	1.92	1.99	1.18	1.40	0.70	1.21	1.15	Lifetime	N/A	N/A
46	3.73	2.96	2.18	2.12	1.92	1.99	1.18	1.40	0.70	1.21	1.15			
47	3.67	2.92	2.18	2.12	1.92	1.98	1.18	1.40	0.70	1.21	1.15	Restoration of Benef	its and Shared	
48	3.61	2.90	2.18	2.11	1.92	1.97	1.19	1.40	0.70	1.21	1.15	Care riders are not a	vailable with	
49	3.58	2.89	2.17	2.10	1.92	1.97	1.19	1.40	0.70	1.22	1.15	Lifetime benefit perio	od option.	
50	3.57	2.89	2.17	2.10	1.92	1.96	1.20	1.40	0.70	1.22	1.15			
51	3.54	2.88	2.16	2.09	1.92	1.96	1.20	1.40	0.70	1.22	1.15			
52	3.52	2.86	2.16	2.08	1.92	1.94	1.21	1.40	0.70	1.22	1.15	HCC Monthly Benef		1.06
53	3.45	2.81	2.14	2.06	1.92	1.94	1.23	1.40	0.70	1.23	1.15	Spousal Waiver of		1.03
54	3.36	2.75	2.10	2.06	1.92	1.93	1.24	1.40	0.70	1.23	1.15	HCC Calendar Day		1.02
55	3.29	2.70	2.08	2.05	1.92	1.93	1.26	1.40	0.70	1.23	1.15	Waiver of HCC EP (	(10-R11)	1.12
56	3.22	2.66	2.04	2.05	1.92	1.92	1.27	1.40	0.70	1.23	1.14			
57	3.15	2.61	2.02	2.04	1.92	1.92	1.29	1.40	0.70	1.24	1.14	Elimination Period	Factors	
58	3.10	2.58	1.99	2.03	1.92	1.92	1.30	1.40	0.70	1.24	1.14	7 Day		1.30
59	3.07	2.55	1.97	2.03	1.91	1.92	1.31	1.40	0.70	1.24	1.13	30 Day		1.20
60	3.03	2.51	1.96	2.02	1.91	1.91	1.32	1.40	0.70	1.24	1.13	60 Day		1.08
61	3.00	2.48	1.93	2.02	1.90	1.91	1.33	1.40	0.70	1.25	1.12	90 Day		1.00
62	2.96	2.46	1.91	2.00	1.90	1.91	1.34	1.40	0.70	1.25	1.12	180 Day		0.90
63	2.90	2.42	1.88	1.98	1.88	1.91	1.35	1.40	0.70	1.25	1.12			
64	2.84	2.38	1.86	1.96	1.87	1.91	1.35	1.40	0.70	1.25	1.11			
65	2.78	2.34	1.84	1.94	1.87	1.91	1.36	1.20	0.60	1.26	1.11	Risk Class Factors		
66	2.74	2.30	1.81	1.92	1.86	1.91	1.36	1.20	0.60	1.26	1.10	Preferred Plus		0.85
67	2.68	2.25	1.79	1.90	1.85	1.91	1.37	1.20	0.60	1.26	1.10	Preferred		1.00
68	2.62	2.21	1.76	1.87	1.84	1.90	1.35	1.20	0.60	1.26	1.09	Standard		1.20
69	2.57	2.17	1.74	1.86	1.82	1.88	1.32	1.20	0.60	1.27	1.09	Select I		1.50
70	2.51	2.13	1.73	1.84	1.81	1.87	1.30	1.20	0.60	1.27	1.09	Select II		1.80
71	2.45 2.39	2.11 2.07	1.70 1.68	1.82	1.80 1.79	1.86	1.27 1.25	1.20	0.60 0.60	1.27	1.08	Madal Bassian Fa	-4	
72 73	2.39	2.07	1.68	1.80 1.78	1.79	1.85 1.82	1.25	1.20 1.20	0.60	1.27 1.28	1.08 1.08	Modal Premium Fac	ctors	1.000
73 74									0.60			Annual Semi-annual		
74 75	2.30 2.26	2.00 1.97	1.64 1.62	1.75 1.74	1.76 1.74	1.81 1.79	1.20 1.18	1.20 1.20	0.60	1.28 1.28	1.07 1.07	Quarterly		0.520 0.265
75 76	2.22	1.93	1.62	1.74	1.74	1.79	1.15	1.20	0.60	1.28	1.07	Monthly Bill		0.090
76 77	2.22	1.93	1.58	1.69	1.73	1.75	1.13	1.20	0.60	1.29	1.06	Monthly PAC/EFT		0.090
78	2.17	1.88	1.56	1.68	1.72	1.75	1.13	1.20	0.60		1.05	Monthly PAC/EFT		0.067
78 79	2.15	1.88	1.57	1.68	1.70	1.74	1.12	1.20	0.60	1.29 1.29	1.05	Discount Factors		
79 80	2.10	1.86	1.56	1.66	1.68	1.72	1.11	1.20	0.60	1.29	1.05	Married (10-R17)		0.85
81	2.07	1.82	1.54	1.64	1.67	1.68	1.10	1.20	0.60	1.30	1.05	Spousal (10-R18)		0.70
82	2.04	1.80	1.52	1.63	1.66	1.67	1.09	1.20	0.60	1.30	1.04	opousai (10-1/10)		0.70
83	1.99	1.77	1.50	1.62	1.63	1.67	1.07	1.20	0.60	1.30	1.04			
84	1.96	1.76	1.49	1.61	1.61	1.67	1.06	1.20	0.60	1.30	1.04			
04	1.90	1.70	1.49	1.01	1.01	1.07	1.00	1.20	0.00	1.30	1.04			

## Generation Protector (Proposed) Allianz Life Insurance Company of North America 5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297 Rider Premium Rates

#### Comprehensive Monthly Indemnity Benefit Rider (10-R13)

#### Home and Community Care Monthly Indemnity Benefit Rider (10-R12)

Premium per \$250 monthly benefit

Premium added to base premium before any premium factors are applied

Premium per \$250 monthly benefit
Premium added to base premium before any premium factors are applied

Premium added to base premium before any premium factors are applied						Premium added to base premium before any premium factors are applied							
Age	2 year	3 year	4 year	5 year	8 year	Lifetime	Age	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	37	40	45	59	64	89	18-40	19	22	23	31	35	48
41	37	42	45	59	66	91	41	20	22	24	31	35	48
42	37	42	46	59	66	91	42	20	22	24	31	35	48
43	39	43	48	61	68	93	43	20	23	24	31	37	50
44	39	43	49	63	70	97	44	20	23	26	33	37	51
45	40	45	49	64	71	99	45	22	23	26	33	38	51
46	42	46	50	66	73	101	46	22	24	27	35	38	53
47	43	48	52	68	75	103	47	23	24	27	35	40	53
48	43	49	53	70	77	105	48	23	26	27	37	40	55
49	45	49	55	71	78	109	49	23	26	29	37	42	57
50	46	50	56	73	80	111	50	24	27	29	38	42	57
51	48	52	58	75	82	113	51	24	27	30	38	44	59
52	48	53	59	77	84	117	52	26	27	30	40	44	61
53	50	56	62	80	89	121	53	26	29	32	42	47	63
54	53	59	65	84	92	127	54	27	30	33	44	49	67
55	55	62	68	87	97	133	55	29	32	36	45	50	71
56	58	65	71	92	101	141	56	30	33	37	49	54	73
57	60	68	73	96	106	147	57	32	36	39	50	56	77
58	65	72	79	103	113	156	58	35	37	42	54	59	83
59	69	76	84	110	122	168	59	36	40	45	57	64	89
60	73	82	89	117	131	180	60	39	43	48	61	68	95
61	78	86	96	125	139	192	61	42	46	50	66	73	101
62	84	94	102	134	148	204	62	45	49	53	70	78	107
63	91	101	111	144	162	222	63	48	53	59	77	85	117
64	98	109	121	157	176	242	64	52	58	63	84	92	127
65	107	118	131	171	190	263	65	56	62	69	90	101	139
66	115	128	143	186	207	285	66	60	68	75	97	110	150
67	125	140	154	202	224	311	67	66	73	81	106	118	164
68	138	154	171	224	249	345	68	73	81	91	118	131	180
69	153	170	189	247	275	382	69	81	89	99	131	144	200
70	168	187	209	275	306	422	70	89	99	111	144	160	222
70 71	187	207	232	305	339	467	70 71	98	109	122	160	177	
													246
72 73	206	229	256	338	376	519 570	72	108	121	135	177	198	273
	228	253	284	374	418	576	73	120	134	150	197	219	303
74	252	281	315	416	463	642	74	132	147	166	219	244	339
75	279	310	350	461	515	713	75	147	163	184	242	271	376
76	308	343	387	512	571	794	76	163	180	204	270	301	418
77	341	380	429	567	635	883	77	180	200	226	299	334	465
78	377	419	475	630	703	980	78	199	220	251	331	371	517
79	415	461	526	698	781	1,089	79	219	243	276	367	411	572
80	458	508	580	774	867	1,210	80	240	268	305	407	456	638
81	504	560	642	858	960	1,344	81	265	295	338	451	506	707
82	556	616	710	952	1,067	1,493	82	292	324	374	501	562	786
83	612	680	786	1,054	1,183	1,659	83	323	357	413	555	623	873
84	674	749	868	1,169	1,312	1,841	84	354	395	458	616	691	970